CRN At-A-Glance

CRA Update: Keeping you in the know

Attention Faculty: Support broadening participation in computing efforts by encouraging eligible graduate students to apply for the 2023 CRA-WP Graduate Cohort Workshops.

Grad Cohort IDEALS

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Grad Cohort for Women

The Grad Cohort Workshop for Women (GC-Women) will be held April 20-22, 2023 at The Palace Hotel in San Francisco, CA.

Applications for both are now being accepted and will close on November 30, 2022.

see page 2 for full article

Are You Working on the Taulbee Survey?

The CRA Taulbee Survey is in progress. The deadline for the salary section is December 2, 2022. Mid-January 2023: Preliminary salary report available to participants. January 27, 2023: Due date for the main Taulbee section.

see page 6 for other deadlines

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cra.org/crn
CRA Update: Keeping you in the know

By Erik Russell, CRA Director of Programs, Lauren Lashlee, CRA Program Associate, Evelyn Yarzebinski, CERP Senior Research Associate, and Kristi Kelly, CERP Senior Research Associate

Attention Faculty: Support broadening participation in computing efforts by encouraging eligible graduate students to apply for the 2023 CRA-WP Graduate Cohort Workshops.

Grad Cohort IDEALS
The CRA-WP Grad Cohort Workshop for Inclusion, Diversity, Equity, Accessibility, and Leadership Skills (GC-IDEALS) will take place March 23-25, 2023 at The Alohilani Resort Waikiki Beach in Honolulu, HI. Applications are now being accepted and will close on November 30, 2022. Please share the following link to eligible graduate students: Link to GC-IDEALS Application

Since the launch of GC-IDEALS in 2018, this workshop has served over 550 Master’s and PhD students in computer science, computer engineering, and other closely related fields that were attending an institution in the U.S. or its territories, or in Canada at the time of participation. Priority is given to individuals from populations minoritized in computing: Native American/Alaskan Native/Pacific Islander, Black/African American, Hispanic/Latinx, Lesbian, Gay, Bi-Sexual, Trans, Queer, Asexual, Intersex, Non-binary and others, Persons with disabilities, and Veterans.

GC-IDEALS participants spend two days interacting with senior computing researchers and professionals, who share pertinent information on skills to thrive in graduate school, as well as more personal information and situational insights about their experiences. The workshop includes a mix of formal presentations and informal discussions and social events. Topics uniquely discussed at GC-IDEALS include: Overcoming Insufficient Academic Preparation: Perceived and Real, Building Resiliency and Overcoming Failure, and Empowerment of People with Disabilities. By attending the GC-IDEALS Workshop, individuals are able to build mentoring relationships and develop peer networks that form the basis for ongoing activities during their graduate career and beyond.

Grad Cohort for Women
The Grad Cohort Workshop for Women (GC-Women) will be held April 20-22, 2023 at The Palace Hotel in San Francisco, CA. Applications are now being accepted and will close on November 30, 2022. Please share the following link to eligible graduate students: Link to GC-Women Application

GC-Women began in 2004 and, since 2004, has served over 5,550 Master’s and PhD students who are in computer science, computer engineering, and other closely related fields that were attending an institution in the U.S. or its territories, or in Canada at the time of participation. The program is intended for persons who identify
as women and who are in their first, second, or third year of graduate school, in hopes to increase the number of senior women in computing-related studies and research. By building and mentoring nationwide communities of women through their graduate studies, we have been able to provide support systems that allow women to thrive and grow in their academic careers.

GC-Women participants spend two days engaging with senior computing-related researchers and professionals that identify as women. Throughout these interactions, participants will hear pertinent information on how to navigate and manage graduate school, as well as more personal information and insights from senior researchers and professionals experience in the field. The workshop includes formal presentations, informal discussions, 1-on-1 mentoring opportunities, and social events. Topics uniquely discussed at GC-Women include: Building Self-confidence, Teaching Your First Course, and A Research Mindset. By attending Grad Cohort for Women, participants are given the means to build mentoring relationships. Additionally, participants are provided the opportunity to develop peer networks that will form the basis for ongoing support systems throughout their graduate career and beyond.

**Impact of GC-IDEALS and GC-Women**

CRA CERP evaluation results for both of the Grad Cohort events have demonstrated that those who attend a workshop highly benefit from the experience. In both of the Grad Cohort programs, pre- and post program surveys have shown that after attending the workshops, participants:

- have increased levels of identification with and belonging in computing
- have increased confidence that they can succeed in their educational and professional endeavors
- perceive that they have greater levels of mentor support
- perceive that they have greater levels of professional support from peers and colleagues

See the graph (right) for a visualization of recent results of Grad Cohort participants’ perception of mentor support and professional support from peers and colleagues. Participants provided an
answer on a scale of 1 (Strongly disagree) to 5 (Strongly agree). Overall, there was a significant improvement in perceptions of levels of mentor support and professional networks after participation in a Grad Cohort event.

CERP additionally conducted a follow-up survey of prior attendees of GC-Women. In that survey, a majority of respondents reported that their highest degree attained was a PhD; however, within a comparative sample of individuals who did not attend GC-Women, a majority of respondents reported that their highest degree attained was a Master’s degree (Stout & Wright, 2017).

Thank you to our sponsors
Both GC-IDEALS and GC-Women Workshops would not be possible without the generous contributions of the community. In recent years, the Graduate Cohort program has been supported by organizations from industry, academia, and the federal government. These include: Access Computing, the Association of Computing Machinery (ACM), ACM SIGACT, ACM SIGAI, ACM SIGARCH, ACM SIGCHI, ACM SIGCOMM, ACM SIGCSE, ACM SIGGRAPH, ACM SIGHPC, ACM SIGIR, ACM SIGKDD, ACM SIG MICRO, ACM SIGMOBILE, ACM SIGOPS, ACM SIGPLAN, ACM SIGSOFT, AnitaB.org, Bloomberg, CRA, D.E. Shaw Research, Dataminr, U.S. Department of Energy, Facebook, Google, IBM, IEEE-CS TCCA, Intel, Microsoft Research, National Security Agency, U.S. National Science Foundation, Shanahan Family Foundation, Raytheon - BBN Technologies, Snowflake, and SRC.

The workshops aim to increase the ranks of senior women and populations minoritized in computing by building and mentoring nationwide communities for the duration of their graduate studies and careers afterwards. We are currently accepting sponsors for our Grad Cohort programs. If you are interested in finding out more on becoming a sponsor, please click the links below:

Link to Impact from Sponsorship
Link to Sponsorship Form

The CRA-WP Graduate Cohort programs are based upon work supported by the National Science Foundation under Grant Number (1840724) and the Department of Energy under Grant Number (DE-SC0021328). Any opinions, findings, and conclusions or recommendations expressed do not necessarily reflect the views of the National Science Foundation or the Department of Energy.

References
Upcoming Deadlines

Are You Working on the Taulbee Survey?
The CRA Taulbee Survey is in progress.
The deadline for the salary section is December 2, 2022.
Mid-January 2023: Preliminary salary report available to participants.
January 27, 2023: Due date for the main Taulbee section.

Other Upcoming Deadlines
November 25, 2022 – CRA-E Undergraduate Research Faculty Mentoring Award Nomination Deadline
November 30, 2022 – Grad Cohort for Women Application Deadline
November 30, 2022 – Grad Cohort for Inclusion, Diversity, Equity, Accessibility, and Leadership Skills – IDEALS Workshop Application Deadline
December 16, 2022 – CRA Board of Directors Nomination Deadline
January 19, 2023 – CRA-E Graduate Fellows Program Nomination Deadline
January 27, 2023 – Distinguished Service Award Nomination Deadline
January 27, 2023 – A. Nico Habermann Award Nomination Deadline

2023 CRA Academic Member Book Released

Published online each fall, the CRA Academic Member Book highlights institutions that are member departments of CRA. Each academic member department is invited to submit a one page pdf about their department. Thanks to all the departments that took the time to prepare a submission.

This year’s book is available at: https://cra.org/2022-member-book

This initiative started in 2017, and previous year books are available at: https://cra.org/about/membership/member-books/
Candidates Sought for CRA Board of Directors

The Computing Research Association seeks your help in recruiting candidates for its Board of Directors. We want individuals who have time, energy, initiative, and resources to work on CRA issues on behalf of the entire CRA community. We have a working Board, and all members are expected to work on community issues.

Members of the computing research community who are interested in serving on the CRA Board should nominate themselves by completing this form by December 16, 2022. Nominees do not need to be affiliated with a CRA member organization.

More details provided below about:

• The CRA Board and Board Member Expectations
• The Election Process and Timeline

The CRA Board and Board Member Expectations

CRA Board members serve on various committees, including the CRA Conference (aka Snowbird), Leadership Training, Awards, Taulbee Survey, Finance, Communications, Elections committees, and much more. In addition, issues affecting computing research arise unexpectedly, and Board members must take the initiative and lead CRA’s responses. Many CRA committees and initiatives involve year-round attention, regular conference calls, communications with lab directors and department chairs, document writing, and sometimes travel.

The CRA Board, as a whole, meets twice a year, with travel and hotel costs paid by the individual members. (CRA will consider covering travel and hotel costs for individual Board members in exceptional circumstances.) Board members serve staggered three-year terms. At the discretion of the Elections Committee, and based upon a member’s proactive service record during the expiring term, CRA Board members wishing to stand for re-election may be included on the draft ballot. There is a three term limit.

Recent Board activities include:

• Working with the computing research community to envision the future of computing research,
• Developing white papers and best practice documents that benefit the computing research community,
• Increasing the participation of women and other groups minoritized in computing research,
• Thinking strategically about computing education and its impact on the research enterprise,
• Testifying before Congress and meeting with policymakers to explain the role of computing and computing research,
• Developing workshops on issues critical to computing research and/or researchers,
• Planning the CRA Conference, which takes place every other year, and
• Conducting the annual CRA Taulbee Survey.

Additional information on CRA and its activities is available at http://cra.org/about/.

The CRA Board Election Process and Timeline

• Members of the computing research community who are interested in serving on the CRA Board should nominate themselves by completing this form. Nominees do not need to be affiliated with a CRA member organization.
• The deadline for receipt of nominations is December 16, 2022.
Candidates (*continued*)

- The Elections Committee will carefully consider all nominations, with the aim of a final ballot slate containing about twice as many candidates as there are open slots.

- Important criteria considered by the Elections committee includes distribution of candidates and current Board members among member institutions, distribution among types and sizes of institutions, evidence of leadership, diversity, and evidence of interest in and capacity for service beyond what is expected of all faculty members and researchers.

- In early January, the Elections Committee will announce the draft ballot. Additional names may be added by the CRA community (as described below).

- On January 20, 2023, nominations by petition are due. Each such nomination must be signed by the chairs/heads of at least five constituent member organizations that are current in dues payment. Current CRA members are listed at [http://cra.org/about/membership/member-list/](http://cra.org/about/membership/member-list/)

- In late January 2023, final ballots will be distributed to CRA chairs/heads/deans and lab directors. Each will have one vote for each open slot on the CRA Board.

- On February 17, 2023, completed ballots must be returned to CRA.

- In late February 2023, election results will be announced.

Click [here](http://cra.org) to complete the nomination form. Questions can be sent to [elections@cra.org](mailto:elections@cra.org).
Nominations Open for CRA Distinguished Service and A. Nico Habermann Awards

The Computing Research Association invites nominations for the 2023 CRA Distinguished Service Award and A. Nico Habermann Award.

**Distinguished Service Award**
CRA presents an award, usually annually, to one or more persons who have made an outstanding service contribution to the computing research community. This award recognizes service in the areas of government affairs, professional societies, publications or conferences, and leadership that has a significant impact on computing research.

**Guidelines for Nominations for the Distinguished Service Award**
Service considerations for this award are limited to those related to the computing research community. Thus, government service on behalf of the computing research community or educating graduate students for research careers would count. The selection committee will not consider service in undergraduate education unless it relates directly to computing research.

Viable candidates will likely be senior members who have participated in editorial boards and planning or programming committees. While it is not objectionable to mention this kind of service in the nomination, it is not likely to be a key factor in the selection process unless the applicant’s service is well above and beyond that of other senior members.

Longevity, effectiveness, breadth, and community-wide scope of service are all important in the award selection. The nomination letter must argue why the candidate deserves the award, focusing on a few key contributions and providing evidence for these claims. The nomination should include more than simply a list of accomplishments. The quality and extent of computing research conducted by the candidate are not considered in making this award, and material about the candidate’s research accomplishments should not be included in the nomination material.

Nominators must obtain three to four letters in support of the nominee from notable members of the computing research community who are familiar with the candidate’s service accomplishments and must include a copy of the candidate’s current curriculum vitae. Submit nominations here (no later than Jan. 27, 2023).

**A. Nico Habermann Award**
CRA presents an award, usually annually, to one or more persons who have made outstanding contributions to increasing the numbers and successes of groups who have been minoritized in the computing research community. This award recognizes work in areas of government affairs, educational programs, professional societies, public awareness, and leadership that has a significant impact on advancing these groups in the computing research community. Recognized contributions can be focused directly at the research level or its immediate precursors, namely students at the undergraduate or graduate levels.

**Guidelines for Nominations to the A. Nico Habermann Award**
Longevity, effectiveness, breadth, and community-wide scope of service, rather than outstanding contributions within one institution, are essential in the award selection. The nomination letter must argue why the candidate deserves the award, focusing on a few key contributions and providing evidence for these claims. The nomination should include more than simply a list of accomplishments. The quality and extent of computing research conducted by the candidate are not germane in making this award unless it is directly part of enhancing the access and success of groups who have been minoritized in the computing research community. As such, the nomination should likely not include material about the candidate’s research accomplishments.

Nominators must obtain three to four letters in support of the nominee from notable members of the computing research community who are familiar with the candidate’s service, with particular emphasis on its community-wide scope. The nomination must include a copy of the candidate’s current curriculum vitae. Submit nominations here (no later than Jan. 27, 2023).
Questions or comments may be addressed to awards@cra.org.

The deadline for receipt of nominations is January 27, 2023.

Current CRA Board of Directors members are not eligible for either of these awards.

### CRA-E Graduate Fellows Program

The Computing Research Association Education Committee (CRA-E) is now accepting nominations for the CRA-E Graduate Fellows Program. The program provides opportunities for Ph.D. candidates in a computing field to contribute to CRA-E projects, network with computer science education advocates on the committee, and engage in advocacy for mentoring undergraduate students. CRA-E Fellows also promote computer science research and undergraduate education at the national level.

CRA-E typically has two fellows with one new graduate fellow appointed each year. Fellows serve for two years in staggered appointments. They are a part of the committee, providing a graduate student voice. They attend the annual CRA-E meeting, manage the research highlights series, and contribute to the CRA-E Conquer site that provides resources for undergraduate research and graduate school.

Faculty members are invited to nominate one graduate student from their institution (but multiple nominations are permitted by distinct faculty members from the same institution) by collecting and submitting a nomination package that includes:

1. One faculty recommendation letter describing the student’s interpersonal skills and evidence of interest in mentoring undergraduates. The letter should also state that the student is at least in the third year of a Ph.D. program and making satisfactory progress towards the degree.

2. The student’s C.V. including research interests and accomplishments.

3. A one-page statement written by the student. The statement should describe the nominee’s interest in the CRA-E Fellow position, experience mentoring undergraduates, and long-term aspirations.

The application deadline is January 19, 2023.
The objective of the DREU program is to increase the number of persons from populations underrepresented in computing including women, Black/African American, Native American/Alaskan Native/ Pacific Islander, Hispanic/Latinx, LGBTQAI+, Persons with Disabilities, and Veterans.

DREU participants have the opportunity to be directly involved in a research project and interact with graduate students and professors on a daily basis. This experience is invaluable for those who are considering graduate school; DREU will provide a close-up view of what graduate school is really like and increase interns’ competitiveness as an applicant for graduate admissions and fellowships. Faculty mentors will have the opportunity to work on their research project with new students from other institutions and to mentor future graduate students.

**Distributed Research Experiences for Undergraduates (DREU)**

- **Application Period:** October 15 – February 15
- **Learn More:** [Hear from previous attendees!](#)
- **Eligibility:**
  - **For Students:** Applicants should be students who are pursuing an undergraduate degree at an institution in the US or its territories. Applicants should be interested in doing research in the computing field. International Students may apply, however, most of the funds for the DREU program are restricted to US citizens and permanent residents, so the number of non-US student participants will be limited. Priority will be given to students who have completed two to three years in a computing major by the program start date.
  - **For Faculty:** Potential mentors should be professors in computing at US Ph.D. granting universities with active research programs, into which DREU students may be integrated. Interaction with current graduate students is a feature of the DREU experience; it is necessary that the mentor’s research group include graduate students who will be on campus throughout the summer.

- **Click** [here](#) **to apply!**
Outcomes of Advertised Computer Science Faculty Searches for 2022

By Craig Wills, Worcester Polytechnic Institute

This work directly follows previous work that analyzed current and future Computer Science needs via advertised tenure-track faculty searches for 2022. This follow-on work looked to understand the relative success of institutions in hiring the tenured/tenure-track faculty in the areas of Computer Science that were being sought. This work also follows on a similar study of tenure-track faculty hiring outcomes last done in the pre-Covid impacted year of 2019.

Responses to a survey were obtained from 148 institutions that reported seeking tenure-track faculty in 2022. The distribution of survey responses based on institutional type was in roughly the same proportion as for all institutions that were searching for tenure-track faculty. Survey respondents reported seeking a total of 379 faculty positions.

Survey respondents reported filling a total of 289 tenure-track faculty for an aggregate success rate of 76%, which is comparable to the 2019 study. Examination on the success of the search for each of the 148 institutions found that 21% of institutions failed to hire any faculty, while 55% succeeded in hiring at least as many faculty as were being sought. These failed search results are worse than, and the institutional success results are comparable to, survey results from 2019. In terms of results for different types of institutions, PhD institutions reported failed search rates of only a few percent and at least successful searches for more than 60% of institutions. In contrast, BS/BA (37%) and MS (29%) institutions reported a much higher percentage of failed searches. There was also a lower percentage of successful searches with 38% for MS and 54% for BS/BA institutions.

Reported results on the previous position for hired faculty show that three types of such positions continue to be most prevalent. 31% of hired faculty start with a newly-earned PhD, 24% were previously in a tenured or tenure-track position at another institution.
and 23% were previously in a post-doc/researcher position. The newly-earned PhD results are higher than results from a similar study in 2019 and the post-doc results are lower indicating more hires of new faculty with less experience.

Survey respondents reported on the number of hires in each of 16 clustered areas. The clustered area of AI, Data Mining and Machine Learning (AI/DM/ML) accounted for 26% of the filled positions (comparable to 2019). Security accounted for the next most with 15% of the filled positions (similar to 15% in 2019) while Systems/Networking (8%), Theory/Algorithms (6%) and Data Science (6%) were the next areas in terms of filled positions. Further clustering of results for the AI/DM/ML, Databases and Data Sciences areas finds that 35% of hires were “Data Oriented,” which is up from 33% in 2019.

In comparing the areas of filled positions with the areas in which positions were sought, the AI/DM/ML area shows the biggest net positive difference percentage of positions filled and sought. In contrast, the area of Security showed similar (compared with 2019) negative difference with 15% of filled positions, but 19% of sought positions. The area of DataSci had a 10% negative net percentage difference between filled and sought positions. Data-oriented areas accounted for 32% of sought positions and 35% of filled positions.

A final analysis uses Taulbee Survey results to compare areas for PhD production with area of faculty positions sought and filled. Security is the area with most obvious discrepancy between percentage of PhDs produced (6%) and faculty positions sought (19%). Security is the area with the highest discrepancy between PhDs produced and positions filled with a net of 9% more positions filled than PhDs produced.

View the full report at: https://web.cs.wpi.edu/~cew/papers/outcomes22.pdf
CRN/Bulletin: Lisa Amini (IBM) Joins CRA-Industry Steering Committee

CRA-industry (CRA-I) is delighted to announce that Lisa Amini (IBM Research) has joined the CRA-I Steering Committee. The CRA-I Steering Committee is led by Co-Chairs Vivek Sarkar (Georgia Tech) and Ben Zorn (Microsoft) and includes five additional members: Amini, Mary Hall (University of Utah), Fatma Özcan (Google), Chris Ramming (VMware), and Divesh Srivastava (AT&T).

Lisa Amini is the Director of IBM Research Cambridge, which is home to the MIT-IBM Watson AI Lab, and of IBM’s AI Horizons Network. She also leads IBM’s AI Automation and Scaling Research efforts globally and is an IBM Distinguished Engineer. Amini was previously Director of Knowledge & Reasoning Research in the Cognitive Computing group at IBM’s TJ Watson Research Center in New York. She was also the founding Director of IBM Research Ireland, and the first woman Lab Director for an IBM Research Global (i.e., non-US) Lab (2010-2013). In this role, Amini developed the strategy and led researchers in advancing science and technology for intelligent urban and environmental systems (Smarter Cities), with a focus on creating analytics, optimizations, and systems for sustainable energy, constrained resources (e.g., urban water management), transportation, and the linked open data systems that assimilate and share data and models for these domains.

Previously, Amini was Senior Manager of the Exploratory Stream Processing Research Group at the IBM TJ Watson Research Center. She was the founding Chief Architect for IBM’s InfoSphere Streams product. The Streams product is the result of a Research technology, System S, for which Amini was also the architectural lead from inception. Streams is a software platform for continuous, high throughput, and low latency mining of intelligence from massive amounts of sensor and other machine generated data. She also led her team in formative Smarter Planet/Cities pilots analyzing real-time data for cyber security, manufacturing, telecom, market data analysis, radio astronomy, environmental (water) monitoring, and transportation.

Amini was a panelist in the CRA-I roundtable on Computing Research in Industry on November 9th, 2022. You can view the recording from the event here. If you have any comments or questions about the roundtable, please let us know here. If you would like to sign up for future CRA-I events, please let us know here.

Welcome, Lisa!
Industry Report from CRA’s Conference at Snowbird

By Helen Wright, CRA-I Senior Program Associate

One of the tracks during the July 2022 Computing Research Association’s (CRA) flagship conference at Snowbird, Utah was “Computing in Industry,” which covered how research is conducted in industry and the partnership between industry and academia. This fall CRA-Industry (CRA-I) has been processing the discussions, slides, and notes from this track and our Inaugural CRA-I Meeting at Snowbird. We are pleased to release a report highlighting the common themes that emerged. It is clear that there is a much needed role for CRA-I in the community. The presentations and subsequent discussions showcased where the industry community is right now and what needs to be worked on with CRA-I’s help.

CRA-Industry Takeaways

• CRA-I should become the natural convener of industries in the computing research community.

• CRA-I should help form more connections between industry and academic researchers.

• CRA-I should help broker the sharing of resources among various companies, academia, and government to increase communication and collaboration.

• CRA-I should broaden the focus of CRA outreach efforts to be more inclusive of researchers who work in industry.

Industry-academic engagement in computing research is crucial. Since technical and societal challenges in the field are significant, “all hands on deck” are needed to create technology worthy of the trust society increasingly places in it. Thankfully, computer science is a field where industry wants to engage with academic research. Academia educates students (who predominantly go into industry) and conducts open and long-term research. Industry trains employees, makes things happen in practice, has scale/pace/scope, and does cutting-edge research. There are challenges to aligning incentives, to getting it right. The field should work harder to share best practices, and help new companies get it right. This could expand the scope of industry engagement to focus more on the non-IT companies that are rapidly transformed by tech. With CRA-I’s help, companies could be encouraged to become more open so research can benefit all.

See the full report here.
CRA-E’s Undergraduate Research Highlights: Why am I seeing this ad? User experience research to make privacy more accessible

CRA-E’s “Undergraduate Research Highlights” series showcases outstanding research done by undergraduate students at universities and colleges across North America. Each article features the story of a successful undergraduate researcher and offers personal insights into their experiences with finding an advisor, undertaking new research projects, and discovering how research can impact their personal and professional future. It is one of a number of CRA-E’s activities that foster and recognize talented computing researchers with the goal of increasing the research pipeline, promoting graduate education, and advocating research-based careers.

In addition to helping students understand the process of getting involved in research, the articles also serve as a venue for students to pass along advice to others who aspire to become involved in research themselves. Students selected for the research highlights include those receiving recognition in the CRA Outstanding Undergraduate Researcher Award competition. This series is written and edited by CRA-E Graduate Fellows.

Why am I seeing this ad? User experience research to make privacy more accessible

Ellie Young, B.A. Computer Science, New College of Florida
This Q&A highlight features Ellie Young, an Honorable Mention in the 2022 CRA Outstanding Undergraduate Researchers award program. Ellie graduated from New College of Florida and is now a Societal Computing Ph.D. student at Carnegie Mellon University.

This interview has been edited for length and clarity.

Congratulations on your Honorable Mention! How did you first join the project you were recognized for?
As a computer science student, I was staring down the possibility of spending life after graduation making widgets for a huge corporate machine, unintentionally complicit in societal harm. I felt an obligation to do work with as little potential to hurt people as possible. Having really enjoyed a class in usable privacy and security and an initial research experience at my home institution, I applied to research programs, mainly in privacy/security and human-computer interaction. I also applied to the Research Experience for Undergraduates in Software Engineering (REUSE) at Carnegie Mellon University after a classmate recommended it. REUSE offered me a position working in the exact sub-area of usable privacy and security I was most excited about!

What did you end up working on in the REUSE program?
I was paired with two Ph.D. students in Dr. Lorrie Cranor’s lab, Sarah Pearman and Hana Habib. For my first project, we wanted to test how usable Facebook’s ad settings were. That experience was so fun that I convinced them to let me stay for the fall and spring. I completed REU program again the next summer and stayed through the academic year after that.

Poster on Facebook ad settings from the REUSE final presentation in Summer 2020. The final work, presented at the 2022 ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), includes results and discussion from the interview study mentioned at the bottom of this poster.
And now you’ve started a Ph.D. program in the same lab; can you tell us more about what influenced that decision?

I really enjoyed what I was doing (the UX and privacy research). To do this kind of research, especially straight out of college, you kind of have to be in a grad program. I’m not really motivated by the prospect of having ‘Dr.’ in front of my name, and I don’t really want to become a professor; I just really wanted to keep doing this work, and this is where the work happens.

Oh, and I liked Pittsburgh. (laughs) Pittsburgh’s awesome.

Can you speak to any differences between doing research at a small college versus a bigger university?

My advisor, Dr. Lorrie Cranor, essentially invented usable privacy and security. I was pretty intimidated at first—me, from a 600-person public school, working with the professor who literally wrote the book on my subject! I thought I was totally out of my element. But everyone in the lab was really nice and had the same nerdy interest in privacy as me. Sarah Pearman, the first Ph.D. student I worked closely with, went above and beyond to welcome me. Every day I’d bother her for advice about talking to professors and navigating academia. Eventually, I gained enough confidence to ask other Ph.D. students too. After enough conversations, I began to feel like I really belonged.

I also noticed that the group’s distribution, diversity-wise, was opposite to that of my undergrad. With only a dozen or so members, Dr. Cranor’s lab managed to have more female, nonwhite, neurodivergent, trans and non-binary individuals than the 50-some-strong cohort of computer science students at my home institution. I thought wow, I want to work in an environment like this—Dr. Cranor is clearly doing something right if these are the voices present in this lab.

How have you balanced your research activities with your other interests?

I think the culture of computer science, maybe even academia as a whole, over-emphasizes the archetypal genius who lives and breathes their work. I’ve found it can be easy to fall into this trap as a researcher—when you are one of the only people in the world working on your specific problem, I think it’s natural to make that work Your Thing. But I don’t want my identity to be my work, so I try to fit in as much not-research as I can. I’m admittedly not perfect at work-life balance, but I really make a conscious effort to do other things that make me happy: playing obscure Japanese video games, racing my car (LEGALLY), making vegan dinners, and bothering my cats. These things have no interplay with my research, and that is the point. Researching privacy has such a pervasive effect on my outlook, it’s important to find meaning elsewhere.

— Edited by Nadia Ady and Yasra Chandio
Doctoral Students Are More Satisfied with Their Advisor Relationships than Terminal Master’s Students Are

By Kristi Kelly, CERP Senior Research Associate

Strong advisory support is a key component of positive and productive graduate school experiences. To what extent are graduate students satisfied with different aspects of their advisor relationships, and does this differ for students in terminal master’s programs and doctoral programs?

The figure above shows terminal master’s and doctoral students’ satisfaction with their advisors across five advisory domains; percentages designate those students who indicated they were “somewhat” or “very” satisfied with their advisor. As the figure shows, compared to terminal master’s students, a significantly larger percentage of doctoral students were satisfied with their advisors’ academic guidance and career advice, their support for students’ academic goals, their meeting availability, and students’ frequency of meeting with their advisors.

Generally, the doctoral students reported high levels of satisfaction, with about eight in ten students indicating that they were satisfied across four of the five measured domains. For one domain – career advice – the percentage of doctoral students who were

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### Percentage of Graduate Students Who Were ”Somewhat” or “Very” Satisfied with Aspects of their Advisor Relationships

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Doctoral students</th>
<th>Terminal master's students</th>
</tr>
</thead>
<tbody>
<tr>
<td>How supportive your advisor is of your academic goals</td>
<td>83%</td>
<td>65%</td>
</tr>
<tr>
<td>The academic guidance your advisor provides</td>
<td>79%</td>
<td>61%</td>
</tr>
<tr>
<td>The career advice your advisor provides</td>
<td>66%</td>
<td>53%</td>
</tr>
<tr>
<td>How available your advisor is to meet with you</td>
<td>82%</td>
<td>64%</td>
</tr>
<tr>
<td>How often you meet with your advisor</td>
<td>54%</td>
<td>80%</td>
</tr>
</tbody>
</table>

Source: Data Buddies Survey 2021, Center for Evaluating the Research Pipeline, Computing Research Association. All percentages for doctoral students and terminal master’s students differ at p < .05, according to two-proportion z-tests. See Notes section below for additional information about measures, tests of statistical significance, and sample size.
satisfied was notably lower than the other domains, with about two-thirds of doctoral students indicating they were “somewhat” or “very” satisfied with the advice they receive in this area.

Among terminal master’s students, the largest percentage of students were satisfied with their advisors’ support for their academic goals and their availability to meet (65% and 64%, respectively). Similar to doctoral students, they were least likely to be satisfied with the career advice provided by their advisor (along with how often they met with their advisor).

Taken together, these results suggest a few potential areas for future exploration and targeted action. Further investigations should attempt to (1) identify why master’s students are less likely to have satisfying relationships with their advisors than doctoral students do and (2) work to address these gaps in the advisory relationship for master’s students. In addition, results point to a need for a greater understanding of all graduate students’ advisory needs related to career advising so that advisors can better support them in this area.

Notes:
The survey data analyzed for this infographic were collected by Center for Evaluating the Research Pipeline via The Data Buddies Project (2021). Graduate students who indicated they had an academic advisor were asked: “How dissatisfied or satisfied are you with the following?”, followed by the five items shown in the chart. Responses options for each item were “Very dissatisfied,” “Somewhat dissatisfied,” “Neither dissatisfied nor satisfied,” “Somewhat satisfied,” or “Very satisfied.” Percentages designate the subset of the total responses that were “Somewhat satisfied” or “Very satisfied.”

N = 1,426 – 1,497 for terminal master’s students; N = 1,170 – 1,188 for doctoral students. All comparisons were statistically significant according to z-tests of two proportions.

This analysis is brought to you by the CRA’s Center for Evaluating the Research Pipeline (CERP). CERP provides social science research and comparative evaluation for the computing community. Subscribe to the CERP newsletter here. Volunteer for Data Buddies by signing up here.

The Data Buddies Project is currently supported through National Science Foundation (NSF) awards CNS-1840724, CNS-2036717, DUE-1821136, sub-awards and contracts, and direct CRA contributions. Previous NSF awards that supported DBS include CNS-1246649 and DUE-1431112. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.
Vice Chair of the CCC, Dr. Nadya Bliss is Appointed to the National Academies’ Climate Security Roundtable

By Catherine Gill, CCC Program Associate

The Computing Community Consortium would like to congratulate the Vice Chair of the CCC, Dr. Nadya Bliss, on her appointment to the National Academies’ Climate Security Roundtable.

In January of 2021, Congress voted to direct the National Academies to establish the Climate Security Roundtable, which will provide expert support to the federal Climate Security Advisory Council (CSAC) in foreseeing and preventing climate security crises from escalating into issues of national security. This roundtable will facilitate conversations and collaboration surrounding a number of topics, including dissemination of relevant climate change data and information, discussion of understudied risks associated with climate change, improvements to existing climate change models and simulations, and any other capabilities or developments considered essential by the CSAC. The Climate Security Roundtable is comprised of experts in academia, industry, and civil society and will operate through September of 2025.

To Dr. Bliss, who serves as the executive director of Arizona State University’s Global Security Initiative, the goals of the Climate Security Roundtable are of the utmost importance. When asked about her passion for climate change mitigation, Dr. Bliss said, “The sheer urgency and importance of the topic means everyone should be passionate about it to some degree. For me specifically though, I have spent much of my career thinking about how research and engineering can help address, or at least mitigate the negative consequences of some of the world’s ‘wicked problems’ as defined by Webber and Rittel in 1970, and there is no problem more complex, more multi-faceted, or more impactful than climate change.”

Dr. Bliss intends to use her expertise in technology research and development with the national defense and security communities to contribute to instrumental discussions and to offer insight on how computing can help anticipate and shape responses to climate emergencies. Specifically, Dr. Bliss hopes to focus on “resiliency of systems and how to plan for second-order, third-order and even fourth-order consequences of climate-related emergencies.”

During her time with the CCC, Dr. Bliss has tackled the topic of climate change by co-authoring a whitepaper, titled Computing Research for the Climate Crisis, which outlines technical recommendations of areas where computing research can play an important role in addressing climate change. This white paper is the basis for the CCC and National Science Foundation (NSF) sponsored Convergence Accelerator workshop on Building Resilience to Climate Driven Extreme Events with Computing Innovations.

We are very much looking forward to seeing the accomplishments of the NASEM Climate Security Roundtable. Please join us in congratulating Dr. Bliss on her appointment!
Senior Editor of Communications of the ACM, Moshe Vardi, Shares Concern Over Lack of Incentive Structure in Cybersecurity

By Maddy Hunter, CCC Program Associate

Moshe Y. Vardi, Computer Science Professor at Rice University and Senior Editor of Communications of the Association for Computing Machinery (ACM), wrote an article in the November 2022 issue of the Communications of the ACM magazine, Accountability and Liability in Computing. The article articulates his concerns for the slow progress and lack of conclusive knowledge on how to build secure information systems. Vardi speculates the issue is not due to a lack of technical advancements but a lack of incentives encouraging hardware security developments and solutions. It is becoming vital to address this "market failure" as we become more reliant on technical systems and become increasingly vulnerable to cyberattacks.

Vardi recently attended the Computing Community Consortium (CCC) workshop, Mechanism Design for Improving Hardware Security. Led by Simha Sethumadhavan (Columbia University) and Tim Sherwood (University of California, Santa Barbara), the workshop brought together key stakeholders to discuss potential solutions and possible incentive structures to catalyze cybersecurity efforts.

The current lack of incentives stems, in part, from an absence of liability by big companies when it comes to protecting consumers from cyber attacks. At the moment, they are not being held accountable and claim that by consumers clicking through online licenses and accepting the terms, they are released from a duty to protect online users. Former CCC Council Member Helen Nissenbaum was featured in the article, calling attention to the unfair bargaining powers at play with these consent dynamics and how the laws of strict liability that are in place to protect consumers from vendors are not extending to the computing industry. Additionally, the current incentive structure in computing leads companies to prioritize speed and efficiency, often at the expense of resilience and security.

The workshop report from Mechanism Design for Improving Hardware Security will take a deep dive into the aforementioned issues and summarize key findings and recommendations. Be on the lookout for it in the next couple of months!
Building Resilience to Climate Driven Extreme Events with Computing Innovations: A Convergence Accelerator Workshop

By Maddy Hunter, CCC Program Associate

The Computing Community Consortium recently held a two-part workshop, "Building Resilience to Climate Driven Extreme Events with Computing Innovations". The workshop series was sponsored by the National Science Foundation’s new Directorate for Technology, Innovation and Partnership (TIP). TIP has a major initiative, "Convergence Accelerator," that funds programs seeking to solve societal challenges through convergence research and innovation. The goal is to encourage interdisciplinary work, "merging ideas, approaches and technologies from a wide and diverse range of sectors and expertise.”

The first workshop in the series was held in-person in Denver, Colorado on October 27-28th, 2022. The goal was to frame the research focus for impact areas (application domains), computing research building blocks that span the impact areas, research thrusts within impact areas, and cross-cutting principles. The impact areas, most stemming from a CCC white paper Computing Research for the Climate Crisis, were: Energy, Environmental Justice, Agriculture, Transportation, and Infrastructure. Six building blocks were identified in the workshop: Artificial Intelligence, Digital Twins, Cyberinfrastructure, Optimization/Planning, Visualization, and Data.

The second workshop in the series was a virtual webinar open to the public on November 10th, 2022. The goal of the second workshop was to brainstorm and build upon the framing set out in the "pre-workshop". Workshop participants were split into break out groups by impact area to discuss findings and identify additional research thrusts, impact areas, and cross-cutting principles. Below are some of the whiteboards used to organize ideas that were generated during the workshop.

Be on the lookout for a report summarizing key findings and recommendations later this year.
Undergraduate BPC Literature Database Launch

By Chantra Nhien of the Momentum team

The Momentum team at UCLA and Computing Research Association (CRA) are excited to announce the launch of the Undergraduate BPC Literature Database that compiles scholarship on broadening participation in undergraduate computing. As a research tool, this database was created by Momentum for use by the broader BPC community to support efforts to address equity gaps within computing, especially for women and students from minoritized groups. To assist in these goals, the database compiles relevant peer-reviewed literature from the past 17 years that spans a variety of epistemological and methodological orientations with diverse sets of objectives. The focus of the included papers ranges from the implementation and evaluation of BPC interventions to theoretical pieces around broader social forces that cause longstanding inequalities in computing.

We invite you to utilize this new tool and hope that you’ll find it helpful in your efforts toward broadening participation in computing. If you’d like to suggest an article to be added to the Undergraduate BPC Literature Database or have general feedback, please fill out this form.

BPCnet.org Resource Portal is an initiative of the Computing Research Association (CRA) with support from the National Science Foundation (CNS-1830364, CNS-2032231, and CNS-1940460). Subscribe to the BPCnet.org newsletter and bulletin by clicking here.
American University

Open Rank, Department of Computer Science for Fall 2023

The Department of Computer Science in the College of Arts and Sciences at American University invites applications for a full-time, open-rank, tenure-line position beginning August 1, 2023. The committee will consider candidates engaged in high-quality research in any area of Computer Science related to Natural Language Processing, Data Science, Machine Learning, Network Analysis, Algorithms, or Cybersecurity.

For a full description, please visit https://apply.interfolio.com/115038.

Amherst College

Assistant Professor of Computer Science

The Amherst College Department of Computer Science invites applications for a full-time tenure-track position at the rank of assistant professor, beginning July 1, 2023. Candidates in all areas of computer science are encouraged to apply. The college is committed to cultivating an inclusive and critically engaging educational environment. Nearly one-quarter of Amherst’s students are Pell Grant recipients, close to half are domestic students of color, 10 percent are international students, and 15 percent are the first members of their families to attend college. Amherst is committed to providing financial aid that meets 100 percent of every student’s demonstrated need, and 57 percent of our students receive financial aid. The expectation is that the successful candidate will excel at teaching and mentoring our extraordinarily talented students, who are broadly diverse with regard to race, ethnicity, socioeconomic status, gender, nationality, sexual identity, disability, and religion.

Both research and teaching are supported by the college, which is situated within a vibrant intellectual community (including the University of Massachusetts Amherst, an R1 university with a highly ranked CS department). The department comprises eight tenure-line faculty with research programs in performance modeling, natural language processing, data science, machine learning, distributed algorithms, and systems. A number of faculty are supported by NSF research grants. The department is housed in a recently constructed science center that contains top-notch research and teaching facilities. The teaching load is two courses per semester.

Amherst College is a small, highly selective liberal arts college located in western Massachusetts. The college is part of the Five College Consortium, which supports collaborations with nearby Hampshire, Mount Holyoke, and Smith Colleges, and affords many opportunities for joint work with researchers at the University of Massachusetts.

The successful candidate must have a Ph.D. in computer science in hand or have fulfilled all requirements for the degree by the start of the appointment. Applicants are asked to submit electronically to http://apply.interfolio.com/113839 a cover letter, curriculum vitae, research and teaching statements, and three confidential letters of recommendation.

Applications received by October 24, 2022, will be assured of full consideration. Review of applications will continue until the position is filled.

Amherst College is an equal opportunity employer and encourages persons of all genders, persons of color, and persons with disabilities to apply. The college is committed to enriching its educational experience and its culture through the diversity of its students, faculty, and staff.

Arizona State University

Lecturer (all ranks) in Software Engineering

The School of Computing and Augmented Intelligence (SCAI) in the Ira A. Fulton Schools of Engineering at Arizona State University (ASU) seeks applicants for full-time lecturer (all ranks) positions beginning October 3, 2022. This position is in primary support of the Software Engineering M.S. and B.S. programs on ASU’s Polytechnic Campus, but lecturers are expected to support the instructional mission of all SCAI programs. SCAI has locations on the Tempe and Polytechnic Campuses, but lecturers are expected to support the instructional mission of all SCAI programs. SCAI has locations on the Tempe and Polytechnic Campuses so some travel between locations should be expected. In addition, SCAI has an online presence and all faculty participate in the creation of curriculum and delivery of instruction in the online modality. This is a non-tenure track appointment with a renewable fixed-term academic year contract. Appointments will be made at the rank of Principal Lecturer, Senior
Lecturer or Lecturer commensurate with the candidate’s experience and accomplishments. Opportunities exist to augment the academic year salary by assisting with summer instruction.

Review of applications will commence on September 9, 2022. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled.

For complete qualification/application information, see https://hiring.engineering.asu.edu/.

A background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law.

(See https://www.asu.edu/aad/manuals/acd/acd401.html and https://www.asu.edu/titleIX/)

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU’s Annual Security and Fire Safety Report is available online at https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.

COVID-19 Vaccination - Arizona State University is a federal contractor and subject to federal regulations which may require you to produce a record of a COVID-19 vaccination. For questions about medical or religious accommodations, please visit the Office of Diversity, Equity and Inclusion’s webpage.

Boise State University

Multiple Positions - Assistant or Associate Professor

The Department of Computer Science at Boise State University invites applications for multiple tenure-track/tenured faculty positions at Assistant/Associate ranks. Seeking at least one applicant each in the following areas: (1) cybersecurity (especially candidates in the area of cybersecurity for cloud computing, operating systems, networking, etc.) and (2) data science, artificial intelligence, machine learning, and information retrieval. Strong candidates in other areas of Computer Science will also be considered.

Responsibilities include teaching undergraduate and graduate courses, developing a strong research program funded by external sources, supporting and mentoring undergraduate and graduate students, and providing service to the University and the profession along with other activities typical for a tenure-track faculty. Candidates can start either in spring 2023 or fall 2023.

A PhD in computer science, or a closely related field, is required by the date of hire.

Applicants for the associate professor rank should have an established record of excellence in teaching, significant contributions in research, and experience in collaborating with faculty or industry to develop and sustain funded research programs. Applicants for the assistant professor rank should have a demonstrated potential for establishing such a record.

The search will remain open until the positions are filled. Review of applications will begin on October 24th, 2022.

Boise State has made significant investments in the growth of the department, which is a critical part of the software and high-tech industry in Boise. Eighteen new faculty hires, a new building downtown, and new undergraduate and graduate programs have been added as the department has more than tripled in size. Faculty have active funded research programs, with several large funded grants and six active NSF CAREER awards.

Application Procedure Instructions:

Please visit https://jobs.boisestate.edu/en-us/job/497137/multiple-positions-assistant-or-associate-professor-computer-science-department to submit a cover letter addressed to the CS Search Committee indicating your interests and qualifications for this position, a CV that includes employment history, and statements of research and teaching interests. Provide three professional references with contact information.
Boston College

Tenure Track Faculty Positions in Computer Science

The Computer Science Department of Boston College seeks to fill two tenure-track positions beginning in the 2023-2024 academic year. Rank is open. Successful candidates for these positions will be expected to develop or currently possess strong research programs that can attract external funding, in an environment that also values high-quality undergraduate teaching. Outstanding candidates in all areas of Computer Science will be considered. For one of the positions, a preference may be shown toward those who can enhance existing departmental strengths in Artificial Intelligence with applications to the Sciences, and in the mathematical foundations of Computer Science. A Ph.D in Computer Science or a closely related discipline is required. Application review is ongoing.

Applicants should submit a cover letter, a detailed CV, and teaching and research statements, and should arrange for three confidential letters of recommendation to be uploaded directly to Interfolio.

To apply go to: http://apply.interfolio.com/113772

Boston University

Assistant Professor

The Department of Computer Science at Boston University invites applications for two tenure-track assistant professorships beginning July 1, 2023. Strong applicants in all areas of computer science are encouraged to apply. Qualifications required of all applicants include a Ph.D in Computer Science or a related discipline, a strong research record, and a commitment to teaching at the undergraduate and graduate levels.

The Department consists of a diverse group of 33 tenured and tenure-track faculty members, and offers programs leading to B.A., M.S., and Ph.D. degrees. The Department has research strengths in data mining, databases, graphics, image and video computing, machine learning, natural language processing, networking, distributed systems, operating systems, software design and implementation, real-time systems, security and cryptography, and theory of computation and algorithms. In addition, members of the Department collaborate closely with faculty across the university including mathematics and statistics, computer engineering, mechanical engineering, biology, earth and environment, economics, law, medicine, among others. The Department is committed to a diverse and inclusive environment, and it encourages applications from women and underrepresented minorities. All candidates are encouraged to demonstrate throughout their application their attention to diversity and inclusion as these topics relate to teaching, research, and engagement within the academic environment.

Please submit the following items: cover letter; curriculum vitae; research statement; teaching statement; up to three sample publications; and three reference letters (to be submitted online by the reference writers at this site. Complete applications, with three reference letters, must be received by December 2, 2022, to guarantee full consideration; however, the review of applications will continue on a rolling basis until April 14, 2023. Additional information about the Department is available at http://www.bu.edu/cs.

Qualified applicants should apply at https://academicjobsonline.org/ajo/jobs/23031. Applicants working on foundational, methodological, or use-inspired AI research are encouraged to apply to the BU AI cluster hiring initiative faculty searches at https://academicjobsonline.org/ajo/jobs/22966.

Boston University expects excellence in teaching and in research and is committed to building a culturally, racially, and ethnically diverse scholarly community (https://www.bu.edu/info/about/diversity/). Boston University is
Professional Opportunities

an AAU institution with a rich tradition dedicated to inclusion and social justice. We are proud that we were the first American university to award a Ph.D. to a woman and of our record of inclusiveness. The College of Arts and Science includes diversity as one of five strategic goals. We are dedicated to increasing the participation of all talented students and are committed to the pursuit of Computer Science by underrepresented groups at BU and beyond (https://www.bu.edu/cs/people/diversity/). We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

Boston University

Tenured and tenure-track assistant and associate professor positions

Boston University invites applications for several faculty positions at the associate (tenured) and assistant (tenure-track) levels as part of a 3-year cluster hiring initiative covering foundational, methodological, and use-inspired dimensions of Artificial Intelligence (AI). Led by the Faculty of Computing & Data Sciences (CDS) at Boston University (BU), this initiative is pursued in collaboration with the departments of Computer Science (CS), Electrical & Computer Engineering (ECE), and Mathematics & Statistics (Math/Stats). Qualifications required of all applicants include a PhD in any of the disciplines that span computing and data sciences, a strong record of research, a demonstrated capacity for interdisciplinary collaboration, and a commitment to innovative teaching at undergraduate and graduate levels.

Founded in 2019, the Faculty of Computing & Data Sciences (CDS) at Boston University (BU) is a university-wide, degree-granting academic unit that augments and complements the traditional cognate disciplines of computer science, computer engineering, and statistics by laying the foundation for innovation-driven, civic-minded computing to maximize the real-world impact of its research, curricular, and co-curricular programs. Supporting its undergraduate and PhD programs, CDS has 11 core faculty members and 32 secondary and affiliated faculty members who are drawn from across the landscape of disciplines at BU. CDS is housed in the top five floors of an iconic 19-story building with a convention-bending design that also houses the CS and Math departments, the Hariri Institute for Computing, and state-of-the-art classrooms, labs, and collaboration spaces. Additional information about the computing landscape at BU is available at: https://www.bu.edu/cds-faculty/explore/.

BU expects excellence in teaching and in research, and is committed to building a culturally, racially, and ethnically diverse scholarly community, which is essential to its mission. BU is an AAU institution with a rich tradition of inclusion and social justice. We are proud of our record, including being the first American university to award a PhD to a woman and the university from which Martin Luther King Jr. received his PhD. We are dedicated to increasing participation of all talented students, especially women and other underrepresented groups in Computing and Data Sciences.

All candidates pursuing research at the nexus of computing and data sciences will be considered. Candidates from underrepresented groups and candidates working in one or more of the following dimensions of Data Science, Machine Learning, and AI are encouraged to apply:

Foundations. Foundational research in the theoretical underpinnings of AI methodologies at the nexus of algorithms, logic, information theory, optimization, and statistics, including the exploration of connections between machine learning and topics such as causal inference, uncertainty quantification, and statistical physics.

Methods. General purpose supervised, unsupervised, and reinforcement machine learning methods and platforms of broad applicability, including Deep Neural Networks, Federated Learning, Natural Language Processing, Large Language Models, Multimodal Machine Learning, and Artificial General Intelligence.

Use-Inspired. Research in data science, machine learning and AI, which is inspired by and/or address unique challenges in domains beyond computing and IT, including scientific machine learning, analysis of complex systems, cognitive neuroscience, sociotechnical platforms, AI-driven decision systems, Explainable AI, and Human Computer Interaction.

Qualified faculty candidates are invited to submit their applications through
the search web portal at https://academicjobsonline.org/ajo/jobs/22966. Consideration and review of applications for appointment in one of the academic units participating in this initiative for this year (CDS, CS, and Math/Stats) will start on November 1, 2022 and will continue on a rolling basis until April 15, 2023.

BU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

Boston University
Teaching Faculty
The Department of Electrical and Computer Engineering at Boston University invites applications for an anticipated teaching position beginning the fall term of 2023. This non-tenure track position will be at the level of Instructor, Lecturer or possibly a Professor of Practice. Interested candidates should be committed to delivering excellent courses at all levels in Electrical and Computer Engineering. Particular areas of need are introductory programming, software engineering, operating systems, networks and algorithms, and senior design. Applicants for the position must have a Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or related field. Ideal candidates will have a track record of excellence in teaching. Salary will be provided for the 9-month academic year. Possibilities of support in the summer include summer classes, and various outreach programs. Instructional faculty in the Electrical and Computer Engineering department are expected to teach multiple courses per year (typically at least four) with multiple sections of the same course counting towards that total. These positions come with full benefits.

For more information, please visit: https://academicjobsonline.org/ajo/jobs/22229. Application deadline is December 31, 2022.

Bowdoin College
Assistant Professor of Computer Science, Tenure-Track
The Department of Computer Science at Bowdoin College invites applications for a tenure-track position at the rank of Assistant Professor to begin July 2023. We welcome applications from all areas of computer science, as well as areas that cross disciplinary boundaries.

Applicants should demonstrate a promise of successful long-term research, a strong commitment to undergraduate liberal arts education, and a dedication to inclusive excellence in their teaching. A Ph.D. in computer science is expected by the time of appointment.

Bowdoin College offers opportunities for professional development, a fully-funded, year-long pre-tenure sabbatical leave and regular, generously funded, post-tenure sabbaticals. The teaching load is two courses per semester.

To apply, please visit https://careers.bowdoin.edu to submit 1) a cover letter; 2) a curriculum vitae; 3) a 2-page statement that describes your teaching approaches and how your teaching, scholarship, and mentorship supports our commitment to equity and inclusion; 4) a 2-page description of your
research plans; and 5) the names and contact information for three references who have agreed to provide letters of recommendation. Review of applications will begin October 22, 2022 and will continue until the position is filled.

Bowdoin College complies with applicable provisions of federal and state laws that prohibit unlawful discrimination. Bowdoin warmly welcomes applicants of all backgrounds and especially encourages those from historically excluded groups to apply. Full information about the position can be found at https://careers.bowdoin.edu/postings/9978.

Brandeis University
Tenure-track Assistant Professor, Data Intensive Systems

The Department of Computer Science at Brandeis University invites applications for a tenure-track assistant professor in Data Intensive Systems beginning Fall 2023. Particular attention will be given to candidates pursuing research in the broad area of large-scale databases and data processing, adaptive data systems, as well as systems for scalable data analytics.

Learn more at: https://academicjobsonline.org/ajo/jobs/22704

Brown University
Lecturer in Computer Science

The Department of Computer Science at Brown University is seeking applicants for a faculty position at the rank of lecturer, senior lecturer, or distinguished senior lecturer.

The department strives to build a diverse and inclusive environment for all members of our community, and is particularly interested in candidates whose experience, teaching, service, or scholarship can further these efforts. Our department’s detailed vision and action plan for diversity fits within Brown’s broader commitment to this work.

The position and program have several distinguishing characteristics:

1. While some of the teaching will be in first- and second-year courses, candidates will also teach some upper-level undergraduate courses, based on their expertise and department needs. Lecturers are expected to advise undergraduate research projects, and are welcome to participate in graduate research with the rest of the faculty. Lecturers with substantial research participation and supporting funds may be eligible for periodic course release.

2. Over the past few years, the department has begun to successfully roll out an initiative to embed socially-responsible computing content across our curriculum in a pioneering model. The initiative is supported by dedicated teaching assistant positions, a faculty coordinator, and an administrative coordinator. Though all faculty take responsibility for executing this vision, interested lecturers are in a particularly good position to shape and drive it.

3. The department has a strong undergraduate culture, anchored by a mature program for undergraduate teaching assistants (endowed at $10 million), as well as a long history of top-caliber published undergraduate research. All faculty therefore get to work closely with undergraduates in multiple capacities on a continuum from classroom to research.

The initial appointment would be for a 3-year period (renewable with potential for promotion and longer-term contracts). This position is part of a major expansion plan for the department as it is increasing its roster by 50% over the next few years. The position involves teaching four undergraduate courses per year, academic advising, and engaging with the department’s intellectual culture. Lecturers participate fully in faculty meetings and department initiatives. The department values teaching and educational innovation, and welcomes candidates interested in formally researching computing education in the context of their teaching (though this is not a requirement).

Brown offers a vibrant community for both teaching and research, with 32 tenured and tenure-track faculty members, five lecturers (teaching faculty members), two research faculty and several affiliated, adjunct, and visiting faculty members. Research and graduate programs leverage disciplinary strengths in CS as well as Brown’s broader interdisciplinary culture. CS is a founding partner in multiple university-wide initiatives including Data Science, Computational Molecular Biology, Human-Centered Robotics, and the currently-launching Center for Computing for the People.
Brown University is committed to fostering a diverse, inclusive, and global academic community. As an EEO/AA employer, Brown considers applicants for employment without discrimination on the basis of gender, race, protected veteran status, disability, or any other legally protected status. The department is similarly committed to building a diverse faculty and strongly encourages women, underrepresented minorities and those who can contribute to the excellence, diversity, and inclusivity of our academic community. We ask the candidates to report any relevant experience, including work with diverse constituents, and plans in their applications.

Brown University is located in Providence, RI, close to Narragansett Bay, an hour from Boston and about three hours from New York City. Providence has been consistently rated among the Northeast’s most livable cities and is home to diverse intellectual, artistic, and business communities.

The position is expected to start in the fall of 2023. In selecting candidates, we will consider quality and effectiveness of teaching, commitment to diversity and inclusion, and compatibility with the area needs and interests of the department, as well as potential for effective participation in department or university activities. For all applicants, we will consider potential for impact beyond Brown (through teaching, research, significant system building, outreach, or other professional activities, as appropriate for the candidate). Applicants must have a Ph.D. by the start of the position. Applicants must submit a cover letter, a CV, a teaching statement, a diversity statement (which can be included in the teaching statement) and a research statement (or a statement describing other significant professional activities beyond classroom instruction). Candidates must also arrange for at least three letters of reference to be submitted through the application website.

To apply, please use Interfolio: http://apply.interfolio.com/112787.

Review will begin on November 1, 2022, but applications will be considered until the position is filled.

Inquiries may be addressed to: teaching-faculty-search_2023-request@lists.cs.brown.edu

**Brown University**

**Tenure-track Faculty in Computer Science**

The Department of Computer Science at Brown University is hiring multiple tenure-track faculty members at the level of Assistant Professor.

The department strives to build a diverse and inclusive environment for all members of our community, and is particularly interested in candidates whose experience, teaching, service, or scholarship can further these efforts. Our department’s detailed vision and action plan for diversity fits within Brown’s broader commitment to this work.

We are specifically interested in candidates whose research addresses:

- Computer systems (including distributed systems, networks, security, programming languages, and architecture)
- Human-computer interaction, including HCI+AI and socially-responsible computing in HCI, especially explored through multiple methodologies
- Computer science education

Candidates not in these areas but with research in Data Science should apply to positions shown at https://www.brown.edu/initiatives/data-science/about/jobs-dsi; those with interests in cybersecurity, international relations, and policy should consider this position in the Watson Institute https://apply.interfolio.com/110611.

We will also consider candidates who have the potential to make exceptional contributions to diversity and inclusion in computer science. We are eager to try to accommodate the needs of, and welcome applications from, dual career couples.

These positions are a part of a major expansion plan for the department as it works to increase its faculty roster by close to 50% over a five-year period. While many of these positions will be used to strengthen and expand core CS areas, some will be used to build bridges with other campus disciplines to facilitate interdisciplinary research and teaching. As a part of our overall plan, we are also emphasizing socially responsible computing throughout our curriculum and research.

The department has 35 tenured and tenure-track faculty members, 2 research faculty members, 6 lecturers (teaching faculty members), and several affiliated adjunct and visiting faculty members.
In addition to its strong graduate program, the department has a strong undergraduate culture, anchored by a mature, endowed program for undergraduate teaching assistants and research assistants. Department members frequently take advantage of Brown’s interdisciplinary culture via collaborations with numerous other Brown units including Applied Mathematics, Biology, Brain Sciences, Cognitive Linguistic and Psychological Sciences, Economics, Engineering, Mathematics, Medicine, Public Health, Public Policy, and Visual Arts, as well as the Rhode Island School of Design. CS is a founding partner and plays key roles in major university-wide programs and initiatives including Data Science, Humanity Centered Robotics, Computational Molecular Biology, and the currently-launching Center for Computing for the People.

Brown University is committed to fostering a diverse, inclusive, and global academic community. As an EEO/AA employer, Brown considers applicants for employment without discrimination on the basis of gender, race, protected veteran status, disability, or any other legally protected status. The department is similarly committed to building a diverse faculty and strongly encourages women, underrepresented minorities and those who can contribute to the excellence, diversity, and inclusivity of our academic community. We ask the candidates to report any relevant experience, including work with diverse constituents, and plans in their applications.

Brown University is located in Providence, RI, 60 miles from Boston and about 180 miles from New York City, both accessible via frequent rail service, and close to Narragansett Bay. Providence has been consistently rated among the Northeast’s most livable cities and is home to diverse intellectual, artistic, and business communities.

Applicants must have completed all requirements for the doctoral degree by the start of the position. The initial appointment as assistant professor is for four years and is renewable. Applicants should submit a cover letter, a CV, a teaching statement, and a research statement. Please also provide a diversity statement (which can be part of the teaching statement), in which you summarize your past and planned contributions to diversity and inclusion. These contributions may arise from teaching/mentoring, outreach, lived experience, or other activities. Applicants should also arrange for at least three letters of reference to be submitted through the application website. (For additional information about the university’s and department’s commitment to diversity and inclusion, see www.brown.edu/about/administration/institutional-diversity/pathways and www.cs.brown.edu/about/diversity.)

To apply, please use Interfolio: http://apply.interfolio.com/115147. Inquiries may be addressed to: faculty_search_2023@lists.cs.brown.edu

Calvin University

Tenure-Track Faculty Positions in Computer and Data Science

The Department of Computer Science at Calvin University invites applications for two tenure-track faculty positions in computer science or data science to begin August 2023. We are especially interested in further developing our expertise in the areas of data science and machine learning, but individuals from all computing-related areas are encouraged to apply.

Find more information and the application form on this WorkDay job listing.

Carnegie Mellon University

Department of Electrical and Computer Engineering

Faculty Positions

The Department of Electrical and Computer Engineering (ECE) at Carnegie Mellon University is accepting applications from candidates for tenure-, research-, and teaching-track positions at all ranks for our Pittsburgh campus. Positions are available in all areas of Electrical and Computer Engineering.

The ECE department and College of Engineering are ranked among the top programs in the United States, both at the undergraduate and graduate levels.
We are an extremely collaborative department with ties to several multidisciplinary institutes and centers. We collaborate with colleagues around the world through a number of research and educational programs. We have world-class experimental and computing infrastructure, including state-of-the-art nanofabrication facilities.

Our mission is to be a creative driving force of the highest scholarly and entrepreneurial quality that will inspire and educate engineers to solve important societal challenges. The foundation of our collaborative research is based on a strong practice of inclusion. We take pride and active steps in considering a diverse applicant pool in terms of gender, race, veteran status, and disability. Carnegie Mellon University further seeks to meet the needs of dual-career couples and is a member of the Higher Education Recruitment Consortium (HERC) that assists with dual-career searches.

For all tracks, we are seeking individuals who hold a Ph.D. in a relevant discipline and have demonstrated commitment to our core values: creativity, quality, innovation, and engineering solutions.

- Tenure-track faculty carry a moderate teaching load that allows time for quality research and close involvement with students. We expect Tenure-track faculty to establish and grow a strong research program, contribute to our teaching mission, and demonstrate a passion for mentoring and advising students.
- Research-track faculty are not required to teach but do so when it is mutually beneficial to the faculty and the department. Research-track faculty are compensated for both teaching and advising Ph.D. students. These faculty members primarily focus on developing leadership within one or more areas of research, forming research collaborations, and supervising Ph.D. students.
- Teaching-track faculty focus primarily on teaching but our curriculum includes research opportunities as well. Teaching-track faculty serve as a core part of our strategy for our undergraduate education and mentoring mission.

Dean of the Fowler School of Engineering

Chapman University seeks a collaborative, inclusive, equity-minded and forward-thinking academic leader to serve as the Dean of the Dale E. and Sarah Ann Fowler School of Engineering.

More information can be found at www.wittkieffer.com. WittKieffer is assisting Chapman University in this search. For fullest consideration, candidate materials should be received by November 28, 2022 and submitted through WittKieffer’s candidate portal:

https://aptrkr.com/3549404

Nominations and inquiries can be directed to: Zachary A. Smith, Ph.D., Jessica Herrington and Randi Miller ChapmanEngineeringDean@wittkieffer.com

Chapman University is an equal opportunity employer committed to fostering a diverse and inclusive academic global community. The university is dedicated to enhancing diversity and inclusion in all aspects of recruitment and employment. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity, gender expression, national origin, ancestry, citizenship status, physical disability, mental disability, medical condition, military and veteran status, marital status, pregnancy, genetic information or any other characteristic protected by state or federal law.

The university is committed to achieving a diverse faculty and staff and encourages members of underrepresented groups to apply.
CISPA Helmholtz Center for Information Security

Tenure-Track Faculty in all areas related to Security, Privacy, and Cryptography

Applications are invited for tenure-track faculty positions in all areas related to Security, Privacy, and Cryptography.

CISPA is a world-leading research center that focuses on Information Security and Machine Learning at large. To expand and further strengthen our center, we are looking for Tenure-Track Faculty in all areas related to Security, Privacy, and Cryptography.

All applicants are expected to grow a research team that pursues an internationally visible research agenda. To aid you in achieving this, CISPA provides institutional base funding for three full-time researcher positions and a generous budget for expenditures. Upon successful tenure evaluation, you will hold a position that is equivalent to an endowed full professorship at a top research university. We invite applications of candidates with excellent track records in Security, Privacy, and Cryptography, especially in (but not limited to) the fields of

- Applied and Post-Quantum Cryptography
- Cybercrime, Misinformation, and Fake News
- Formal Methods and Program Analysis
- Hardware Security and Secure Hardware Designs
- Human-Centered Security and Privacy
- Privacy-Enhancing Technologies
- Security of Critical Infrastructures and Embedded Systems
- Software Security, Analysis, and Engineering

CISPA values diversity and is committed to equality. We provide special dual-career support. We explicitly encourage female and diverse researchers to apply.

The CISPA Tenure-Track in a nutshell

- Tenure-track of five years towards the equivalent of an Endowed Full Professorship
- Three fully funded full-time research staff positions for your entire tenure-track
- Generous budget for research expenses
- Low teaching load of only one course (of your choice) per semester
- World-renowned colleagues in (almost) all areas of Security and Machine Learning
- Young and dynamic environment, with an average faculty age below 40 years

Application

For more information about this position and to submit an application, see https://faculty.jobs.cispa.de/sec/cra

All applicants are strongly encouraged to submit their complete application by November 1st, 2022 with interviews starting in December 2022. However, applications will continue to be accepted until December 8th, 2022 with interviews held in early 2023.

In case of any questions, please contact us at scientific-recruiting@cispa.de

Carnegie Mellon University

Teaching Track and Non-Tenure Track Faculty Position

The Information Networking Institute (https://www.cmu.edu/ini/) at Carnegie Mellon University (CMU) (https://www.cmu.edu/index.html) is soliciting applications for faculty at all levels for CMU’s main campus in Pittsburgh, PA, and Silicon Valley campus in Mountain View, CA. We are hiring non tenure-track faculty, primarily teaching-track.

We are seeking faculty candidates in our core technical areas of networking, security, mobile and IoT engineering, and artificial intelligence engineering, including but not limited to mobile computing, embedded systems, Internet of Things technologies, telecommunications, data analytics and machine learning, information security, software security, network security and cyber operations. Outstanding candidates in other areas related to networking, security, mobile and IoT engineering, and artificial intelligence engineering are encouraged to apply.

Apply: https://apply.interfolio.com/114324

Apply here.

Applications must include a curriculum vitae, research, teaching, and diversity statements, and three to five letters of recommendation. Our application review process will begin on October 1, 2022. We will consider applications fitting our needs throughout the academic year. Carnegie Mellon is an EEO/Affirmative Action Employer -- M/F/Disability/Veteran.
CISPA Helmholtz Center for Information Security

Tenure-Track Faculty in Artificial Intelligence and Machine Learning

Applications are invited for tenure-track faculty positions in all areas related to Artificial Intelligence and Machine Learning.

CISPA is a world-leading research center that focuses on Information Security and Machine Learning at large. To expand and further strengthen our center, we are looking for

Tenure-Track Faculty in Artificial Intelligence and Machine Learning

All applicants are expected to grow a research team that pursues an internationally visible research agenda. To aid you in achieving this, CISPA provides institutional base funding for three full-time researcher positions and a generous budget for expenditures. Upon successful tenure evaluation, you will hold a position that is equivalent to an endowed full professorship at a top research university. We invite applications of candidates with excellent track records in Security, Privacy, and Cryptography, especially in (but not limited to) the fields of

- Accountability and Authenticity
- Causality
- Fairness
- Federated and Decentralized Learning
- Foundations of Statistically Sound (Deep) Learning from Data
- Human Factors of AI
- Interpretability and Explainability
- Neuro-Symbolic Learning
- Privacy
- Reinforcement Learning
- Robustness and Reliability
- Sample- and Computationally Efficient Mining and Learning
- Secure and Safe AI

CISPA values diversity and is committed to equality. We provide special dual-career support. We explicitly encourage female and diverse researchers to apply.

Tenure-Track Assistant Professors or Instructor of Cyber Operations

Located in beautiful Charleston, S.C., The Citadel is a fully accredited, public, comprehensive, co-educational college with a student body of 2,300 undergraduate and 1,000 evening and graduate students. Since 2016, The Citadel has been designated as a National Center of Academic Excellence in Cyber Defense Education by the National Security Agency (NSA) and the Cybersecurity and Infrastructure Security Agency (CISA). The Department of Cyber and Computer Sciences has 7 full-time and 7 adjunct faculty members. The department offers the B.S. in Computer Science; B.S. in Cyber Operations; M.S. in Computer and Information Sciences (jointly with the College of Charleston); graduate certificates in cybersecurity, and software engineering; and undergraduate minors in cybersecurity, cyber inter-disciplinary studies, data science, and computer programming. Teaching responsibilities include undergraduate courses in computer science and cyber operations for majors and minors and graduate-level courses in computer and information sciences and cybersecurity. A normal teaching load is 12 hours per week with small class sizes. Salary and fringe benefits are competitive, and other benefits include convenient parking and access to the Citadel Beach House located on the Isle of Palms.

The primary role of the faculty is the education of students in the classroom and advising the students with their academic programs. Faculty members are also responsible for scholarly activity and service. The Citadel supports faculty scholarship and professional development. Internal funding is available for research, development, and travel. The contract is a full-time, 9-month position. Candidates should exemplify The Citadel’s core values of honor, duty, and respect. The position can begin in January or August of 2023.

Required Qualifications, Tenure-track Assistant Professor: an earned doctoral degree in Computer Science, Cyber Operations, or closely related discipline and a strong aptitude for teaching courses in Cyber Operations. Required Qualifications, Instructor: an earned master’s degree in Computer Science, Cyber Operations, or closely related discipline, and a strong aptitude for teaching courses in Cyber Operations. Preferred: candidates who can also teach computer science courses.

In addition to the online application, please attach or send in the following materials:

- curriculum vitae, copies of graduate transcripts, a statement of teaching philosophy, a statement of research plans (needed for Tenure-track Assistant Professor position), and three letters of recommendation, with at least one that addresses applicant's teaching. In the cover letter, please indicate all cyber operations courses you are interested in teaching. All application materials should be submitted online at The Citadel Careers website: www.citadel.edu/careers. If you have any questions or concerns while applying at the Citadel Careers web site, please call The Citadel’s Human Resources Office at 843-953-6922. Questions about the position may be directed to Dr. Michael Verdicchio, Associate Professor, Cyber and Computer Sciences Faculty Search Committee, Department of Cyber and Computer Sciences, The Citadel, 171 Moultrie Street, Charleston, SC 29409, phone: 843-953-6987, or by email: mv@citadel.edu.

Applications from women and minorities are especially encouraged. The Citadel is an affirmative action/equal opportunity employer actively committed to ensuring diversity in all campus employment.

citadel.edu/ccs
### The CISPA Tenure-Track in a nutshell

- Tenure-track of five years towards the equivalent of an Endowed Full Professorship
- Three fully funded full-time research staff positions for your entire tenure-track
- Generous budget for research expenses
- Low teaching load of only one course (of your choice) per semester
- World-renowned colleagues in (almost) all areas of Security and Machine Learning
- Young and dynamic environment, with an average faculty age below 40 years

### Application

For more information about this position and to apply, see [https://faculty.jobs.cispa.de/ml/cra](https://faculty.jobs.cispa.de/ml/cra)

All applicants are strongly encouraged to submit their complete application by November 1st, 2022 with interviews starting in December 2022. However, applications will continue to be accepted until December 8th, 2022 with interviews held in early 2023.

In case of any questions, please contact us at [scientific-recruiting@cispa.de](mailto:scientific-recruiting@cispa.de)

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### Colby College

#### Tenure-Track Position in Computer Science

Colby College invites applications for a tenure-track Assistant Professor position in Computer Science, to start on September 1, 2023. Applicants must hold, or be close to completing, a Ph.D. in computer science, computer engineering, or a related area. We welcome applications from all research and teaching areas of expertise.

For more information and required materials, see [cs.colby.edu](http://cs.colby.edu).

Review of applications will begin on October 14, 2022 and will continue until the position is filled, and full consideration will be given to all applications received by November 1, 2022.

Colby is a private, coeducational liberal arts college that admits students and makes personnel decisions on the basis of the individual’s qualifications to contribute to Colby’s educational objectives and institutional needs. The principle of not discriminating on the basis of race, color, age, sex, sexual orientation, gender identity or expression, religion, caste, national or ethnic origin, marital status, genetic information, political beliefs, veteran or military status, parental status, pregnancy, childbirth or related medical conditions, physical or mental disability unrelated to the job or course of study requirements is consistent with the mission of a liberal arts college and the law.

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### Clemson University

#### Faculty Position in Visual Computing at All Ranks

The Division of Visual Computing within Clemson University’s School of Computing invites applications for tenure-track faculty positions at all ranks for positions to start Fall 2023. We seek candidates that enhance and complement our current research strengths in the broad areas of Computer Graphics and Interactive Techniques.

Applicants should indicate their specialties and interests in their cover letter. Vita; statements on teaching and research; a Justice, Equity, Diversity, and Inclusion (JEDI) statement including description of the candidate’s experience mentoring diverse individuals and how the candidate plans to contribute to the inclusive excellence of the School; and contact information for securing three confidential reference letters should be submitted at this link: [http://apply.interfolio.com/115696](http://apply.interfolio.com/115696)

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### College of Charleston

#### Two Tenure-track Assistant Professor of Computer Science Openings

The Computer Science Department at the College of Charleston invites applications for two tenure-track Assistant Professor positions starting in August 2023.
The rapidly-growing Computer Science department (http://cs.cofc.edu) has over 540 students who are enrolled in six undergraduate degree programs and two master’s programs.

The successful applicant will demonstrate excellent communication skills, collegiality, and a passion for teaching. For an assistant professor appointment, the successful candidate must demonstrate promise to maintain an active research program and mentor undergraduate and graduate students. Candidates with expertise in all areas of computer science are sought to support our undergraduate and graduate programs in Computer Science, Computing in the Arts, Computer Information Systems, Data Science, and Software Engineering. An earned Ph.D. degree in Computer Science or closely related field is required before the start date.

Preference for this position will be given to candidates who are interested in teaching courses related to mobile computing, augmented and virtual reality, computer organization, data mining and data science, distributed computing/systems.

Apply online at https://jobs.cofc.edu.

Applications must include a cover letter (at most three pages in length) which describes teaching and research fit at the College of Charleston, a CV, unofficial undergraduate and graduate transcripts, and contact information for three references who may be contacted to submit reference letters online.

Review of applications begins November 20, 2022 and will continue until the position is filled. Please direct questions to Ellie Lovellette, chair of the search committee, lovelletteeb@cofc.edu.

The College of Charleston / University of Charleston is a nationally recognized public liberal arts and sciences university located in the heart of historic Charleston, SC. Since our founding in 1770, we have maintained a strong liberal arts curriculum. The university encompasses the unusual combination of an exceptional faculty, historic campus, coastal location, modern facilities and cutting-edge programs. The student body numbers approximately 10,400 in undergraduate and graduate program combined.

Apply: http://jobs.cofc.edu/

The College of New Jersey
Tenure-track Faculty Position in Computer Science

Rank: Assistant Professor

Associated with Two Clusters of II New Faculty Positions, particularly Data-/ Cyber-connected disciplines

The Department of Computer Science at The College of New Jersey (TCNJ) invites applications for a 10-month, tenure-track Assistant Professor position in Computer Science to join our community starting in August 2023. We are especially interested in applicants whose research and pedagogy will connect and integrate computer science with other disciplines, and who have the potential to collaboratively contribute to existing, and develop new, interdisciplinary curricular and scholarly initiatives in cybersecurity and data science at the College. Candidates should have a Ph.D. in Computer Science or a closely related field; demonstrated excellence in teaching; a portfolio of related experience, or a teaching/learning philosophy that reflects a diversity of thought and experience an active scholarship program; and a strong commitment to inclusive excellence in the education of, and research with, undergraduates.

The Computer Science program is ABET CAC-accredited, offers state-of-the-art laboratories and equipment, and is housed in TCNJ’s new STEM building. Founded in 1855, TCNJ is a selective public institution that has earned national recognition for its commitment to excellence. For more details and how to apply please see https://tcnj.taleo.net/careersection/00_ex_faculty/jobdetail.ftl?job=22002582&lang=en.

College of William & Mary
Lecturer of Computer Science

The Department of Computer Science at William & Mary, a public university of the Commonwealth of Virginia, invites applications for a two-year, non-tenure-track lecturer position that will begin August 10, 2023. The appointment may be renewable contingent on a successful performance review, department/program needs, and availability of funds.

We seek an individual with expertise in computer science. The successful applicant will be expected to be an effective teacher and will have a 3-3 teaching load.

Located in the center of historic Williamsburg and known as a public Ivy, William & Mary is consistently ranked in the elite group for best undergraduate
teaching by U.S. News and World Report and is committed to a multi-year effort to strengthen and expand its computer science program. More information about the department can be found at https://www.cs.wm.edu.

A Master’s degree is required. A Ph.D. or ABD in Computer Science or a related field at the time the appointment begins or professional experience in computing is preferred. Previous teaching experience is also preferred.

William & Mary values diversity and invites applications from underrepresented groups who will enrich the research, teaching and service missions of the university. The university is an Equal Opportunity/Affirmative Action employer and encourages applications from women, minorities, protected veterans, and individuals with disabilities. William & Mary conducts background checks on applicants being considered for employment.

Applicants must apply online at https://jobs.wm.edu. Please submit a curriculum vitae, a cover letter, a statement of teaching interests, and a statement describing previous professional experience or future plans (or both) that demonstrate a commitment to diversity and inclusion. Applicants will be prompted to submit online the names and email addresses of three references who will be contacted by the system with instructions for how to submit a letter of reference.

Review of applications begins on December 1, 2022 and continues until the position is filled.

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**Colorado College**

**Assistant Professor, Mathematics & Computer Science**

The Department of Mathematics and Computer Science at Colorado College invites applications for a tenure-track position at the Assistant Professor level to begin in August of 2023. We seek a computer scientist with broad teaching interests who can teach introductory as well as advanced computer science courses to a diverse community of undergraduate students. We encourage candidates from all areas of computer science to apply. The candidate should be able to maintain an active research program that can engage undergraduate students and will be expected to contribute to the department and the college through service.

Colorado College is a nationally recognized, residential liberal arts college with about 2,200 students. Strong candidates should share the college’s and department’s deep commitment to antiracism (Antiracism at CC) and be committed to the principles of antiracism, diversity, equity and inclusion (ADEI) in all facets of life at the college. One distinguishing feature of Colorado College is its Block Plan, in which professors teach, and students take, one course at a time. Professors teach six of the eight blocks in an academic year, including one block of supervising capstone projects.

Applications completed by October 21, 2022 will receive full consideration.

The full job ad and application instructions can be found at https://employment.colorado.edu/postings/6352

Colorado College is an equal opportunity employer committed to increasing the diversity of its community. We do not discriminate on the basis of race, color, national origin, gender, age, religion, gender identity or expression, disability, or sexual orientation in our educational programs and activities or our employment practices.

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**Colorado State University**

**Assistant/Associate Professor (Faculty) - Computer Engineering**

The Department of Electrical and Computer Engineering at Colorado State University, Fort Collins, invites applications and nominations for a tenure track faculty position at the assistant or associate level to start in Fall 2023. Research areas of particular interest include any area within the field of computer engineering. This is a nine-month, full-time position.

New faculty members will be expected to teach undergraduate and graduate courses in computer engineering; advise graduate and undergraduate students; conduct innovative research; and provide service to the department, the university, and the professional community.

A successful candidate will have a doctorate in electrical engineering, computer engineering, computer science, or related discipline by the start date of the position; the potential to develop a vibrant sponsored research program; the ability to effectively teach at the graduate and undergraduate levels; and the interest to serve the department, university, and professional community.
Colorado State University
Assistant or Associate Professor in Computer Science

The Department of Computer Science at Colorado State University (CSU) invites applications for two (2) tenure-track positions at the level of Assistant or Associate Professor beginning in Fall 2023. The successful candidate must demonstrate potential for excellence in research, teaching and service that is consistent with a Carnegie R1 university. A Ph.D. in computer science or related area is required by the start of the appointment. The department is specifically looking for candidates with expertise in Software Engineering, Networking, Extended Reality, and Cyber Security.

For the complete posting and to apply, please visit: https://jobs.colostate.edu/postings/113842.

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

Cornell University
Lecturer Position - Computer Science

The Cornell University Department of Computer Science (CS) in the Cornell Ann S. Bowers College of Computing and Information Science (Cornell Bowers CIS) invites applications from outstanding candidates with a passion for teaching and the potential for excellence in research in the area of Ethics, Law, and Policy.

Questions?
fac_recruit@infosci.cornell.edu

Application deadline: December 1, 2022

TO APPLY, VISIT academicjobsonline.org/ajo/jobs/22769

TO APPLY, VISIT academicjobsonline.org/ajo/jobs/22773

Questions? fac_recruit@infosci.cornell.edu
for undergraduate teaching for a Lecturer position at Cornell’s Ithaca campus. Lecturers are non-tenure track teaching faculty members who are hired on multi-year appointments with the expectation of renewal and promotion.

Candidates for the position should hold a PhD in a computing-related field, have demonstrated commitment to teaching excellence and innovation, and be dedicated to fostering a diverse, equitable, and inclusive environment. We are seeking candidates who can teach large lower- and upper-level undergraduate and master’s level courses across a range of computer science subfields.

A typical full-time (100% effort) load for a Lecturer in Computer Science is two courses per semester, where teaching and managing the course staff of large required undergraduate level courses counts as two courses. The department offers a collaborative and stimulating culture and a competitive salary and benefits package. Lecturers play a full and active part in departmental life and work with other faculty members and our excellent students in a broad range of ways, such as teaching upper-level courses, curriculum design and innovation, advising undergraduate and M.Eng. student projects, mentoring Ph.D. students interested in teaching careers, and participating in wider faculty governance and decision-making.

Fostering an inclusive environment is a core value of the Computer Science Department and Cornell as a whole. In line with Cornell’s historical commitment to educating “... any person ... in any study ...”, we seek candidates who will create a climate that is inclusive of all students, including students from historically underrepresented groups and students who have overcome personal challenges. Applicants are asked to submit a Statement of Contribution to Diversity, Equity and Inclusion to describe their potential contributions to diversity and inclusion. See http://facultydevelopment.cornell.edu/information-for-faculty-candidates/ for the university’s commitment to diversity, inclusion and equity, including suggestions for what we are looking for in such statements, and see https://cis.cornell.edu/diversity for some CIS activities in this area.

Cornell University is located in Ithaca, New York, with a county population of about 100,000 people in the heart of the Finger Lakes region. Both Cornell and Ithaca offer a wide range of cultural activities, sports, and outdoor activities with the pleasures of both city and country close at hand.

Interested applicants should submit a cover letter, curriculum vitae, a diversity statement, and a teaching statement speaking to experience, skills, distinct strengths, and evidence of past teaching success and ability and make arrangements for three letters of reference speaking to the candidates teaching skills and abilities to be submitted electronically.

Application materials should be submitted at: https://academicjobsonline.org/ajo/jobs/22558

Evaluation of applicants will begin October 15, 2022 and continue until the positions are filled.

For more information about Cornell Computer Science, please visit our website at https://www.cs.cornell.edu. More information on our current undergraduate programs and course offerings is available at: http://www.cs.cornell.edu/undergrad.

Diversity and Inclusion are a part of Cornell University’s heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations. Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students, and staff impart an uncommon sense of larger purpose, and contribute creative ideas to further the university’s mission of teaching, discovery, and engagement.

Creighton University
Assistant Professor, Clare Boothe Luce Faculty Chair

Creighton University invites applications for a Clare Boothe Luce Faculty Chair in Computer Science. The appointment is tenure-track at the Assistant Professor level, with the 5-year rotating chair established under the terms of the Luce Foundation. We seek an individual with the potential to be an excellent teacher-scholar and an exemplary mentor for
undergraduate women interested in STEM careers. The CS program is housed in the innovative, cross-disciplinary Department of Computer Science, Design & Journalism.

See [https://www.creighton.edu/arts-sciences/computersciencedesignjournalism/csdp Joseph Franklin Turner](https://www.creighton.edu/arts-sciences/computersciencedesignjournalism/csdp) for details.


EO/AA Employer: M/F/Disabled/Vet.

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**Dartmouth College**

**The John G. Kemeny Professorship of the Study of Computation and Just Communities**

The Computer Science Department at Dartmouth College invites applications for The John G. Kemeny Professorship of the Study of Computation and Just Communities. Qualified candidates should have a record of scholarly activity commensurate with an appointment at the rank of Associate Professor or Full Professor with tenure at an RI institution. Applicants should have a record of research in machine learning with a demonstrated interest in investigating the connections of machine learning to its effects on society and equity. Examples of such work include but not limited to: the intersection of machine learning with privacy, economic opportunity, algorithmic bias, remote sensing, and text, speech, and image processing/misinformation. Applicants should also have an interest in working closely with Dartmouth College’s newly created Wright Center for the Study of Computation and Just Communities.

Computer Science, and Dartmouth as a whole, are highly committed to fostering a diverse and inclusive population of students, faculty, and staff. We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds, including but not limited to racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, individuals with disabilities, individuals from lower-income backgrounds, and first-generation college graduates. We seek candidates who have a demonstrated ability to contribute to Dartmouth’s diversity initiatives in STEM research, such as the Women in Science Program, E.E. Just STEM Scholars Program, and the Academic Summer Undergraduate Research Experience (ASURE). Applicants should state in their cover letter how their teaching, research, service, or experiences prepare them to advance Dartmouth’s commitments to diversity, equity, and inclusion.

For the complete ad and to apply, please visit: [http://apply.interfolio.com/112687](http://apply.interfolio.com/112687)

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**Assistant Professor Of Computer Science, System And Network Security**

The Computer Science Department at Dartmouth College invites applications for a full-time tenure-track position at the rank of Assistant Professor, with appointment beginning as early as July 1, 2023. Applicants should have a track record of excellence in research and teaching, with a focus on the security and trustworthiness of computing devices connected via modern wireless connectivity. We seek applicants who have expertise in systems and network exploitation, with an emphasis on binary-level analysis of systems, formats, and interfaces. Specifically, we seek qualified candidates with a holistic view of technological challenges across multiple layers of underlying technological stacks of modern wireless connectivity such as 5G, Future-G, and other networking technologies, and of securing hardware and software stacks against state-of-the-art cyber attacks. An interest in applying formal methods to these topics is also desirable.

This position is part of a research cluster focused on cyber-security that is working towards future trustworthy connected devices with strong yet usable system security. In addition to faculty in the cluster, the Computer Science department includes other faculty working in security-related areas. Interested faculty are affiliated with Dartmouth’s Institute for Security, Technology, and Society (ISTS), which also involves faculty from Government, Engineering, Sociology, and Business.

The Computer Science department is home to 24 tenured and tenure-track faculty members.
Professional Opportunities

and three research faculty members, and is working towards a significant expansion in those numbers over the next decade, in a new dedicated Computer Science and Engineering Center. Research areas of the department encompass the areas of security, computational biology, machine learning, robotics, systems, algorithms, theory, digital arts, vision, and graphics. The department has strong Ph.D. and M.S. programs and outstanding undergraduate majors.

We seek qualified candidates who have a demonstrated ability to contribute to Dartmouth’s undergraduate diversity initiatives in STEM research, such as the Women in Science Program, E. E. Just STEM Scholars Program, and Academic Summer Undergraduate Research Experience (ASURE). We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds, including but not limited to racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, individuals with disabilities, individuals from lower income backgrounds, and first-generation college graduates. Applicants should provide a statement of how their teaching, research, service, or experiences prepare them to advance Dartmouth’s commitments to diversity, equity, and inclusion.

Please visit http://apply.interfolio.com/114916 to see the full ad and/or to apply.

Dartmouth College

Neukom Fellows: Call for Applications

The Neukom Institute for Computational Science at Dartmouth College is pleased to announce the Neukom Postdoctoral Fellows competition for positions starting September 1, 2023.

Fellows are interdisciplinary positions for recent Ph.D.s, DMAs, or MFAs with research interests cutting across traditional disciplinary boundaries. The successful candidate should have a history of collaborative work across disciplines. Ph.D. in any discipline expected September 2023. Two year appointments.

Neukom Fellows will be mentored by faculty in two departments at Dartmouth College, take up residence in one department, and will teach one seminar course each year on a subject of their interest. Stipends are $65,000. Additional funds are available for equipment, travel, and research materials.

Applications must be submitted here: https://academicjobsonline.org/ajo/jobs/22078

DePaul University

Multiple (Some Open-Rank) Tenure-Track Faculty Positions in Computing

The School of Computing at DePaul University invites applications for multiple tenure-track positions at the level of assistant, associate, and full professor. Well-qualified candidates will be considered for offers with tenure. We are interested in candidates in all areas of computing, with preference to candidates in HCI, Cyber-Physical Systems Engineering, Computing Education, AI and ML, Systems, Cybersecurity, Graphics and Visualization, Applied Computing, and Social and Ethical aspects of computing.

The School of Computing includes over 65 full-time faculty and more than 3,000 undergraduate and graduate students. We offer a Ph.D. program, fourteen master’s degrees, and nine bachelor’s degrees. The School of Computing is committed to providing a flexible and supportive environment for its faculty, promoting a rewarding academic career with a balance between teaching and research. Located in the heart of Chicago’s vibrant downtown, it offers vast opportunities to forge relationships with industry, national laboratories, universities, and other organizations in the Chicago area.

The School of Computing has several centers of excellence, including Big Data, Cloud Infrastructure, and High-Performance Computing; Visual Computing, Medical Informatics, and Bioinformatics; Web Intelligence and Recommender Systems; Computing Education; Interactive Machine Learning; Cybersecurity and Adversarial Machine Learning; Computational Geometry and Topology; Next Generation Networks; Rehabilitation Robotics; and Semantics. Over the last decade, the school faculty have secured more than $13.6M in NSF funding and consistently publish in selective conferences. The culture within the school emphasizes high-impact and high-quality research, rather than placing pressure on faculty to secure external funding or publish many papers. Nonetheless, the university provides extensive support for external funding, as well as a robust internal
Professional Opportunities

The School of Computing includes over 65 full-time faculty and more than 3,000 undergraduate and graduate students. We offer a PhD program, fourteen master’s degrees, and nine bachelor’s degrees.

DePaul University invites applications for two full-time non-tenure-track faculty positions. The faculty appointment is with full benefits and renewable contingent upon satisfactory performance.

We seek candidates with a commitment to high-quality teaching. The candidate will have additional responsibilities including curriculum development and other service to the School. We are interested in candidates in all areas of Computing, including candidates in HCI, Cyber-Physical Systems Engineering, Computing Education, AI and ML, Systems, Cybersecurity, Graphics and Visualization, and Social and Ethical aspects of computing.

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) provides up to four years of financial support for students pursuing doctoral degrees in fields that use high-performance computing to solve complex problems in science and engineering.

The program also funds doctoral candidates in applied mathematics, statistics, computer science or computational science – in one of those departments or their academic equivalent – who undertake research in enabling technologies for emerging high-performance systems.

Applicants should have a PhD degree in Computer Science, Computer or Electrical Engineering, or a related field.

Review of applications will begin on October 26, 2022 and continue until the positions are filled.

Apply at https://apply.interfolio.com/110712

For more information, contact James Riely (jriely@cs.depaul.edu).

DePaul University

Non-Tenure Track Faculty positions in Computing

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) provides up to four years of financial support for students pursuing doctoral degrees in fields that use high-performance computing to solve complex problems in science and engineering.

The program also funds doctoral candidates in applied mathematics, statistics, computer science or computational science – in one of those departments or their academic equivalent – who undertake research in enabling technologies for emerging high-performance systems.

Applications due 1.18.2023

LEARN MORE AT www.krellinst.org/csgf

This equal opportunity program is open to all qualified persons without regard to race, color, national origin, sex, disability, or any other characteristics protected by law.
Professional Opportunities

The School of Computing is committed to providing a flexible and supportive environment for its faculty, promoting a rewarding academic career with a balance between teaching and research. Located in the heart of Chicago’s vibrant downtown, it offers vast opportunities to forge relationships with industry, national laboratories, universities, and other organizations in the Chicago area.

The School of Computing has many active research groups. The university supports research via a robust internal research grants program.

DePaul draws students of many backgrounds and cultures in a diverse urban setting. We are interested in recruiting and maintaining a diverse faculty. Members of all underrepresented groups, women, veterans, and persons with disabilities are invited and encouraged to apply. DePaul University offers equal employment opportunities to all persons in accordance with applicable federal, state, and local EEO laws. Positions are contingent upon available budgetary resources.

Applicants should have, at a minimum, an MS in Computer Science or related discipline with 5+ years of professional experience in the field.

Review of applications will begin on October 26, 2022 and continue until the positions are filled.

Apply at [https://apply.interfolio.com/112198](https://apply.interfolio.com/112198)

For more information, contact James Riely [jriely@cs.depaul.edu](mailto:jriely@cs.depaul.edu)

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**Drexel University**

**College of Computing & Informatics**

**Tenure-Track Positions in Computer Science**

The Department of Computer Science at Drexel University invites applications for multiple tenure-track and tenured faculty positions at the Assistant Professor and Associate Professor levels. Preference will be given to applicants in the areas of *Systems* (emphasis on *Software Security, Network Security, and Cloud Computing*), *AI* (emphasis on *Natural Language Processing, and Reinforcement Learning as it applies to Gaming*) and *Human-Computer Interaction* (emphasis on *building intelligent devices and interfaces*). Candidates should have a Ph.D. in Computer Science or a related field by the time of appointment, as well as a record of high-quality scholarly activities. Applicants for senior positions are expected to have demonstrated exceptional leadership in large-scale, multidisciplinary research programs.

Drexel University is an R1 private university committed to research with real-world applications. The university has over 24,000 students in 15 colleges and schools and offers one of the largest and best-known cooperative education programs in the country, with over 1,600 co-op employers. Drexel is located on Philadelphia’s “Avenue of Technology” in the University City district, a hub of academic, cultural, and historical resources in the nation’s eighth-largest metropolitan region.

The Department of Computer Science is one of two departments in Drexel’s College of Computing and Informatics (CCI). The college is uniquely positioned as an interdisciplinary and entrepreneurial research and education leader for the 21st century and offers trailblazing research and education to drive innovation to the digital future. CCI is now home to over 2000 students, has introduced innovative programs in AI and Machine Learning and in Data Science, and just recently relocated to a brand-new building with state-of-the-art equipment and facilities.

With a commitment to further expand and grow the faculty in key areas of strength, we seek intellectually curious and rigorous candidates to engage in cutting-edge research and teaching. Successful applicants will be expected to establish strong sponsored research programs, teach at the undergraduate and graduate levels, advise and mentor Ph.D. students, and engage in service to the department, college, university, and the global academic community.

Applicants should submit a cover letter, CV/resume, and list of references, as well as research, teaching, and diversity statements. Please apply online at [http://careers.drexel.edu/cw/en-us/job/499725](http://careers.drexel.edu/cw/en-us/job/499725). Applications must be submitted online at Drexel Careers to be considered. Evaluation of applications will be conducted on a rolling basis. Applicants should apply by February 1, 2023, for full consideration.

We are especially interested in qualified candidates who can contribute to the diversity and excellence of the academic community. Drexel University is an Equal Opportunity/Affirmative Action employer.
welcomes individuals from diverse backgrounds and perspectives, and believes that an inclusive and respectful environment enriches the University community and the educational and employment experience of its members. The University prohibits discrimination against individuals on the basis of race, color, national origin, religion, sex, sexual orientation, disability, age, status as a veteran or special disabled veteran, gender identity or expression, genetic information, pregnancy, childbirth or related medical conditions and any other prohibited characteristic.

Background investigations are required for all new hires as a condition of employment, after the job offer is made. Employment may not begin until the University accepts the results of the background investigation.

For more information about Drexel University, please visit www.drexel.edu.

Duke University

Open Rank Tenure-Track Faculty Position - Machine Learning, Data Science, Informatics

The Duke University Department of Biostatistics and Bioinformatics invites applications for multiple tenure-track faculty positions in all aspects of machine learning, artificial intelligence, data science, or biomedical informatics. Successful candidates will have a strong interest in motivating their theoretical and/or algorithmic research by data and needs in health, prevention, or healthcare, including health equity and equity and diversity more broadly. Example application areas include machine learning or causal discovery/inference from electronic health records or other observational clinical data, socioeconomic determinants of health, medical image data, mobile health data, and/or microbiome or -omics data. Particular attractions of this position include the exceptional data and translational opportunities of Duke Health and the School of Medicine and the opportunity for a flexible teaching load in order to optimize research productivity and impact. The Department of Biostatistics and Bioinformatics has Masters and PhD programs, and our algorithmic-oriented faculty also supervise PhD students in other leading programs on campus. Duke has an exceptional history in healthcare innovation, and Durham and the Research Triangle form a vibrant community with an outstanding climate intellectually, culturally, and for year-round physical activity and recreation.

Applicants should hold a Ph.D. in Computer Science, Computer Engineering, Statistics, Biomedical Informatics, Bioinformatics, Biostatistics, or a related field by the date of the start of their appointment. Joint appointments with other departments are possible for appropriate candidates. The application package should include a cover letter accompanied by a one-page diversity statement, a curriculum vitae, and a three-page statement of research (organized as one page summary of past research accomplishments and a two-page summary of your future research plans), and 3 letters of recommendation.

All applications should be submitted through: https://academicjobsonline.org/ajo/jobs/22393

Diversity and Inclusion: Duke University is an Equal Opportunity Affirmative Action Employer. Candidates with backgrounds underrepresented in science are especially encouraged to apply. The diversity statement should address why the candidate believes diversity and inclusion are important with examples from their experiences and plans for future contributions. More information about the department’s diversity, inclusion, and antiracist work can be found at: https://biostat.duke.edu/about/diversity-and-inclusion

Important Dates: Applications should be received by November 15, 2022, for full consideration.

Eastern Michigan University

Tenure-Track Assistant Professors

Eastern Michigan University’s Department of Computer Science seeks applicants for tenure-track assistant professor positions to begin Fall 2023.

Expectations: 1) the ability to teach a variety of Computer Science courses at the undergraduate and graduate levels, 2) completed PhD by August 2023, 3) research area: IoT, robotics/hardware/embedded systems, machine learning, cyber security, software engineering, or computer game systems, or any other CS research area.

Apply online: https://careers.emich.edu/jobs/assistant-professor-computer-science-ypsilanti-michigan-united-states
Professional Opportunities

About EMU. Transparent and clear tenure process and support of junior faculty make EMU a fantastic place to work.

Dates: Priority deadline: November 30, 2022, review will continue until the position is filled.

Embry-Riddle Aeronautical University
Tenure-Track Assistant Professor in Data Science

The Department of Mathematics at Embry-Riddle Aeronautical University, Daytona Beach campus, invites applications for two tenure-track Assistant Professor positions in Data Science, starting Fall 2023.

Excellence in teaching is our priority and one of our department’s primary goals is to contribute to the success of our students and the growth of our student population. All tenure-track candidates in the Department of Mathematics are expected to be productive in research and scholarly production.

The candidate must hold Ph.D. Degree in Data Science, Computer Science, Computational Mathematics, or a related field (by the time of appointment) and have some teaching experience.

For more information and to apply online, please visit https://embryriddle.wd1.myworkdayjobs.com/en-US/External/details/Tenure-Track-Assistant-Professor-in-Data-Science_R304463.

Georgia Institute of Technology
School of Computer Science Tenure / Tenure Track Faculty

The School of Computer Science at the Georgia Institute of Technology (Georgia Tech) in Atlanta, Georgia, invites applications for several tenure track faculty positions at all ranks – Assistant Professor, Associate Professor and Professor. We seek candidates in all areas that complement and enhance our current research strengths, and are especially interested this year in candidates whose research focus is in the broad areas of computer science, theoretical computer science, machine learning, computer architecture, and software engineering.

For more information and to apply online, please visit https://ffd.wd1.myworkdayjobs.com/en-US/EmploymentOpportunities/details/Assistant-Professor--Computer-Science---Engineering_JR0001465.

Fairfield University
Assistant Professor, Computer Science

The School of Engineering at Fairfield University invites applications for a tenure-track assistant professor position in Computer Science with a start date of September 1, 2023. Candidates in all areas of Computer Science or closely related areas are encouraged to apply.

For more details and to apply, please click https://ffd.wd1.myworkdayjobs.com/en-US/EmploymentOpportunities/details/Assistant-Professor--Computer-Science---Engineering_JR0001465 and upload the following materials. A complete application will consist of: (1) a cover letter addressing the qualifications (one-page max), (2) a statement of teaching interests and research plan (two pages max), (3) a curriculum vitae, and (4) the names and contact information of three professional references (references will not be contacted without prior knowledge and approval of candidates). Only complete electronic applications submitted as a single PDF file will be considered.
Computer Science Faculty Positions: All Ranks
EMORY UNIVERSITY
Atlanta, Georgia

The Department of Computer Science at Emory University is advancing research and education at the frontiers of AI and computing and seeks to recruit outstanding colleagues at all ranks.

Emory CS is a vibrant research and teaching department that has grown threefold since 2018 and intends to build on this momentum. Our faculty are renowned for their scholarship in machine learning, information retrieval, natural language processing, health informatics, human-centered computing, data privacy, high-end systems, and related areas. CS faculty collaborate extensively across multiple disciplines, including health, humanities, social, and natural sciences, to explore computational approaches to advancing society. Our faculty are passionate about research, teaching, and social responsibility and are fully supported by the University via significant mentoring, world-class facilities, and substantial resources. The Department is committed to world impact through CS scholarship, prides itself on a family-friendly dual-career environment, and engages deeply with industry, alumni, and the community. Broadening participation in computing is a key principle, and we especially encourage applications from women and members of underserved groups. For additional information about the department, please see http://www.cs.emory.edu/

CS is central to Emory’s AI.Humanity initiative https://aihumanity.emory.edu/ that brings together disciplines from across the university to better human health, generate economic value, and promote social justice. AI.Humanity exemplifies the remarkable collegial spirit that makes Emory a leader in collaborative interdisciplinary endeavors while advancing knowledge in fundamental and applied domains. The university is highly ranked for outstanding research and education as well as among America’s Best Employers for Women and Best Employers for Diversity, and fosters a culture of excellence, inclusivity, and cooperation. The campus is an integral part of the energetic Atlanta, Georgia, metropolitan area, offering a variety of cultural, social, and recreational opportunities, a mild climate, and unmatched accessibility.

Applications for Tenure-Track/Tenured Positions are invited from candidates with exceptional research, teaching, and citizenship profiles, for appointment as tenure-track Assistant Professor, or as tenured Associate/Full Professor.

Applicants must have a Ph.D. in Computer Science or a closely related field. Research areas of particular interest include (1) AI and Machine Learning (including natural language processing, computer vision and understanding, AI-Human interaction, fairness, and policy); (2) Data Management (privacy/security, knowledge mining, data analytics, and visual computing); and (3) Cross-Cutting Areas (e.g., social impact/ human-centered computing, sustainable computing, and HPC/Quantum Systems). We especially welcome candidates who connect to strengths in CS and the health, humanities, social, and natural sciences.

Applications must be submitted using the following link: apply.interfolio.com/113254/ Applications should comprise a cover letter, C.V., research statement, teaching statement, and three letters of recommendation. In a separate statement, please outline your interests in enhancing diversity, equity, and inclusion. Informal inquiries are welcome via email to the department chair at vss@emory.edu. Review of applications will begin on December 1, 2022. Full consideration will be given to applications received up to at least 30 days after review begins until the position is filled.

Emory University is an equal employment opportunity and affirmative action employer. Women, minorities, people with disabilities, and veterans are strongly encouraged to apply. Emory University is committed to student and faculty diversity, equity, and inclusion.
Applicants must show evidence of outstanding academic credentials and stellar potential in their field of study, a sincere commitment to teaching, a proclivity to engage in substantive interdisciplinary and collaborative research locally or globally, and an interest in fostering a diverse, equitable, and inclusive academic community. Successful candidates will teach undergraduate and/or graduate courses, as well as provide service to the college and the institute. As a tenure track faculty, you will be expected to teach one course per semester, provide services to the School and Institute, and expected to engage in substantive research with collaborators in other disciplines. Applicants must have a Ph.D. in computer science or related field when they start.

To apply for the position, interested candidates must provide the required application materials on the Georgia Tech Careers site (https://careers.gatech.edu). Once on the site look for “Start your Search Here” under the External Applicants heading. Next, search for Job ID #234865 (Tenure Track Faculty Positions in the School of Computer Science). https://core.hprod.onecm. usg.edu/psp/hprodssso/EMPLOYEE/ HRMS/c/HRS_HR_EMP_FL.HRS.CG_ SEARCH_FL.GBL?Page=HRS_APP_SCHJOB_ FL&Action=U.

Applications will be considered until open positions are filled. For full consideration, applicants are encouraged to submit their applications by September 15, 2022. As in past years, a separate job posting will be created for the 2022-23 faculty recruiting cycle with a deadline in December 2022.

Your full application should include: a cover letter, research statement, teaching statement, diversity and inclusivity statement, curriculum vitae, and the contact information of at least three references. We ask that applicants clearly indicate their research area(s) and focus on their cover letters.

Georgia Tech is an equal education/employment opportunity institution dedicated to building a diverse community. We strongly encourage applications from women, underrepresented groups, individuals with disabilities, and veterans. Georgia Tech has policies to promote a healthy work-life balance and is aware that attracting faculty may require meeting the needs of two careers.

The School of Computer Science, one of four schools in the top-ten ranked College of Computing, focuses on research that makes computing and communication smart, fast, reliable, and secure, with research groups in computer architecture, databases, machine learning, networking, programming languages & compilers, security, software engineering, systems, and theory. Faculty from our school are leaders in a variety of Georgia Tech initiatives, including the Algorithms and Randomness Center (ARC), the Center for Machine Learning (ML@GT), the Center for Research into Novel Computing Hierarchies (CRNCH), and the Institute for Data Engineering and Science (IDeAS). Successful applicants will also have opportunities, where appropriate, for joint or shared academic appointments with the newly formed School of Cybersecurity and Privacy within the College of Computing and collaborative research that spans disciplinary boundaries at Georgia Tech.

Georgia Tech is a top-ranked public research university situated in the heart of Atlanta, a diverse and vibrant city with multiple universities. Midtown Atlanta, where Georgia Tech’s 370+ acre campus is located, has been recognized as one of the 2016 Great Neighborhoods by the American Planning Association due to its liveliness, walkability, and many great cultural and economic strengths. The Institute is a member of the University System of Georgia, the Georgia Research Alliance, and the Association of American Universities. Georgia Tech prides itself on its culture of collaboration, technology resources, high-quality student body, and its commitment to diversity, equity, and inclusion.

Georgia Institution of Technology
School of Interactive Computing
Tenure-Track Faculty Open Rank Positions

Georgia Tech is a top-ranked public research university situated in the heart of Atlanta, a diverse and vibrant city with great economic and cultural strengths. The Institute is a member of the University System of Georgia, the Georgia Research Alliance, and the Association of American Universities. Georgia Tech prides itself on its technology resources, collaborations, high-quality student body, and its commitment to diversity, equity, and inclusion. Georgia Tech is organized into six Colleges. The School of Interactive Computing resides in the College of Computing along with the
Professional Opportunities

School of Computer Science, the School of Computational Science and Engineering, the School of Cybersecurity and Privacy and the School of Computing Instruction. Joint appointments with other Schools in the College of Computing as well as Schools in other Colleges will be considered.

The School of Interactive Computing (IC) The School includes 43 full-time tenure-track Faculty, 6 Faculty with joint appointments, 8 Research Scientists, and 130 PhD students. We work in a wide range of research areas relating to the interface of computing to the world. The School is affiliated with the GVU Center, the Institute for Robotics and Intelligent Machines, the Institute for Information Security and Privacy, the Institute for People and Technology, and the Machine Learning Center.

The School of Interactive Computing (IC) at the Georgia Institute of Technology invites applications for multiple openings at the Assistant Professor level (tenure-track); exceptional candidates at the Associate Professor and Professor level will also be considered. We seek applications in the broader areas of Graphics, Artificial Intelligence and Machine Learning (including but not limited to Theory, Computer Vision, and Natural Language Processing), Social Computing, Social Justice, Ethics and Fairness, Data Visualization, Sustainability, and Augmented and Virtual Reality. These areas are of strategic importance to the School. We will, however, consider truly outstanding candidates in all areas that support the school’s mission and expand it in strategic directions. For instance, a number of our faculty are leading or participating in two AI institutes funded by the National Science Foundation; efforts that underscore the College’s and Institute’s goal to expand in AI and related areas in the coming years. Tenure-track professors are expected to teach one course per semester, provide service to the School and the Institute, and are expected to engage in substantive research with collaborators in other disciplines.

Suitable candidates must have an established international reputation and have demonstrated exceptional impact, productivity, and leadership. Candidates are also expected to demonstrate an exceptional commitment to the teaching and mentoring of undergraduate and graduate students, as well as to matters of diversity, equity, and inclusion through their research, teaching, or service activities. Application materials must include a cover letter, research statement, teaching statement, and curriculum vitae, the contact information of at least three references, and three publications.

Required Qualifications
PhD in computer science or related field

Required Documents to Attach
• A Cover Letter
• CV
• Teaching Statement
• Research Statement
• 3 Publications
• Contact information of at least 3 references

Apply Before Date
Applications will be evaluated on a rolling basis starting October 1, 2022, and we encourage earlier applications. For full consideration, applications are due by December 1, 2022, though we will continue accepting applications until the positions are filled.

Contact Information
Questions regarding the status of an application may be directed to recruiting-ic@cc.gatech.edu.

Equal Employment Opportunity
Georgia Tech provides equal opportunity to all faculty, staff, students, and all other members of the Georgia Tech community, including applicants for admission and/or employment, contractors, volunteers, and participants in institutional programs, activities, or services. Georgia Tech complies with all applicable laws and regulations governing equal opportunity in the workplace and in educational activities. Georgia Tech prohibits discrimination, including discriminatory harassment, on the basis of race, ethnicity, ancestry, color, religion, sex (including pregnancy), sexual orientation, gender identity, national origin, age, disability, genetics, or veteran status in its programs, activities, employment, and admissions. This prohibition applies to faculty, staff, students, and all other members of the Georgia Tech community, including affiliates, invitees, and guests.

Special Applicant Instructions
Apply - https://ic.gatech.edu/about/faculty-hiring
Professional Opportunities

Hampden-Sydney College

Visiting Assistant Professor of Computer Science, Lecturer in Computer Science

The Department of Mathematics and Computer Science at Hampden-Sydney College invites applications for a Visiting Assistant Professor of Computer Science position ([http://apply.interfolio.com/112763](http://apply.interfolio.com/112763)) and a Lecturer of Computer Science position, ([http://apply.interfolio.com/112762](http://apply.interfolio.com/112762)) both for Spring 2023.

Hampden-Sydney College

Assistant Professor of Computer Science

The Department of Mathematics and Computer Science at Hampden-Sydney College invites applications for an Assistant Professor of Computer Science position ([http://apply.interfolio.com/112757](http://apply.interfolio.com/112757)) to begin in Fall 2023.

Harvard Medical School and Boston Children’s Hospital

NLP postdoctoral fellows

The Health Natural Language Processing (NLP) lab at Harvard Medical School and Boston Children’s Hospital has openings for postdoctoral research fellows. These positions are supported by federal research grants, with the goal of developing novel NLP methodology on biomedical and clinical text data, to answer important questions about human health and disease.

Required qualifications:
- Ph.D. in computer science, clinical informatics, or related field

Harvey Mudd College

Assistant Professor of Computer Science

The Computer Science Department at Harvey Mudd College (HMC) has multiple tenure-track openings for assistant professors commencing July 1, 2023. (Exceptional candidates at higher ranks are also welcome to apply.) Candidates in all areas of computer science will be considered, candidates demonstrating interest and potential for teaching courses in the area of computer systems are especially encouraged to apply.

Harvey Mudd College is a highly selective liberal arts college of science, engineering and mathematics. It is located in Claremont, CA, which is approximately 35 miles east of Los Angeles, at the foot of the San Gabriel Mountains. The college enrolls about 900 students, nearly all living on campus, and is a member of the Claremont Colleges, which comprises five undergraduate colleges, the Claremont Graduate University, and the Keck Graduate Institute of Applied Life Sciences.

The department is looking for candidates also willing to be involved with the college-wide Core Curriculum, which includes a first-year course in writing, as well as a course centered on the relationship between science and society. Successful candidates should have completed a Ph.D. by the time of appointment.

Harvey Mudd College is committed to broadening participation in STEM fields. Therefore, among the criteria for appointment are experience with students from diverse backgrounds and/or the ability to teach those students effectively.
Founding Tenured/Tenure-Track Faculty

The Hong Kong University of Science and Technology (HKUST) is a leading international university ranked 3rd by Times Higher Education Young University Rankings 2022 and 34th by QS World University Rankings 2022. HKUST establishes HKUST(GZ) in Guangzhou, China (hkust-gz.edu.cn). HKUST(GZ) synergizes with and maintains the same academic standard as HKUST. Microelectronics Thrust is an academic department in HKUST(GZ) and focuses on integrating novel devices into circuits, architecting information systems, and automating their designs and optimizations. English is the instruction and administration medium at HKUST(GZ), and a good command of written and spoken English is required.

OPENINGS in Microelectronics Thrust are tenured/tenure-track positions at the ranks of Assistant Professor, Associate Professor, and Professor with the following basic requirements.

- Applicants of tenure-track Assistant Professor should demonstrate strong research and teaching potentials.
- Applicants of Associate Professor should have a proven record in research, teaching, student supervision, and funding.
- Applicants of Professor should have world-class academic achievements, international academic leadership, and an established track record in teaching, student supervision and funding.

APPLICANTS should have a PhD degree and research in areas such as the following.

- Electronic design automation; photonic design automation; hardware-software codesign; modeling and simulation technology
- Processor, memory, and storage system architecture; reconfigurable architecture; interconnection network; multiprocessor
- HPC and data center; embedded system; system-on-chip; system-in-package; power management; thermal management
- Quantum computing; neural computing; approximate computing
- Compilation techniques; operating system; system software
- RF/mm-Wave/terahertz technology; integrated photonic circuit; memory device; quantum device; emerging technology

SALARY is of international standard and highly competitive. Generous research funding, ample laboratory space, and excellent research equipment and support will be provided. All the positions are in mainland China and offered by the HKUST(GZ) in accordance with the local employment laws and regulations. The appointments to Full Professor and Associate Professor will be made on substantive basis. The initial appointments to Assistant Professor will be made on a fixed-term contract of up to three years, and re-appointments thereafter will be subject to performance and mutual agreement.

APPLICATIONS should be submitted at https://facrecruit.hkust.edu.hk which will be open until the positions are filled. If there is any question, please contact the Acting Department Head, Prof. Jiang Xu, at jiang.xu@ust.hk. HKUST(GZ) is committed to equal opportunity and diversity in recruitment and employment. We strongly encourage candidates of diverse backgrounds to apply. You can find a list of our existing faculty at https://facultyprofiles.hkust-gz.edu.cn/thrust-faculties?code=10011A10000000000H22.
Review of applications will begin on November 1, 2022, and continue until the positions are filled. Priority will be given to applications completed by November 1, 2022.

Learn more/Apply at: https://academicjobsonline.org/ajo/jobs/22228

Harvey Mudd College is an Affirmative Action/Equal Opportunity Employer. Qualified applicants will be given consideration for employment without regard to race, color, religion, national origin, ethnic origin, ancestry, citizenship, sex (including pregnancy, childbirth, or related medical conditions), sexual orientation, gender (including gender identity and expression), marital status, age, physical or mental disability, medical condition, genetic characteristics, veteran status, or any other characteristic protected by applicable law.

High Point University

Computer Science Faculty Positions - Cybersecurity, Data Science

High Point University invites applications for multiple positions in Computer Science, to start in August 2023. Expertise in Cybersecurity or Data Science is especially valued. This is an ideal position for educators who are passionate about undergraduate teaching and who want to work at a student-centered institution where we strive for a balance of professional education within a liberal arts environment.

For more information and to apply, visit https://highpoint.wd1.myworkdayjobs.com/Highpoint-Faculty.

Icahn School of Medicine at Mount Sinai

Tenure-Track Faculty Positions - Artificial Intelligence and Human Health

The Windreich Department of Artificial Intelligence and Human Health at the Icahn School of Medicine at Mount Sinai is the foremost department of its kind within a medical school. In partnership with the Hasso Plattner Institute of Digital Health (HPI.MS), our goal is to make the tools and techniques of artificial intelligence available to all Mount Sinai
researchers and physicians throughout the Health System’s eight hospitals and 400-plus ambulatory clinics.

To build a world-class research program for AI- and data-driven innovation in human health, the AI Department and HPI MS are seeking outstanding candidates for early- and mid-career positions with an excellent track record in computer science, artificial intelligence, and machine learning to join its faculty.

Through its scientific computing and data partners, the Department and Institute offer candidates seamless and secure access to state-of-the-art research, clinical data and operations with vast amounts of multimodal health data and large, diverse patient populations.

Our Department benefits from a new state-of-the-art facility located right in the center of the Mount Sinai campus. This facility will house all AI research initiatives within the health system and also contain large supercomputers and cloud computing database capabilities.

Enabled by a visionary international partnership between the Mount Sinai Health System and the Hasso Plattner Institute for Digital Engineering, Potsdam, Germany, (https://hpi.de/) successful candidates will also have the opportunity to leverage integrated research and educational programs at both institutions through adjunct faculty appointments at HPI. HPI ranks among Germany’s top computer science and IT systems engineering institutions with research and educational programs in IT systems engineering, data engineering, digital health, cybersecurity, and human-centered design.

Candidate profiles
Ph.D. in computer science, applied mathematics, computational sciences, physics, chemistry, or a related field. M.D.-Ph.D. candidates with advanced computational training are also encouraged to apply. Successful candidates will demonstrate scientific excellence and outstanding achievements applying advanced machine learning, artificial intelligence and computational sciences in human health.

Apply Now
Applications must be submitted online at https://www.linkedin.com/jobs/view/3256983893/ by submitting a CV, research statement, and cover letter.

Illinois Institute of Technology
Chair, Department of Computer Science
Illinois Institute of Technology, a private Ph.D.-granting research university with prominent programs in computing, engineering, architecture, the sciences, humanities, psychology, business, law, and design, invites nominations for, and expressions of interest in, the position of Chair of the Computer Science (CS) Department with an expected start date of summer/fall 2023.

The CS department is part of the new College of Computing (CoC) founded in 2020 to play a leading role in education and research for the tech community in Chicago and to infuse computing across all of Illinois Tech’s disciplines and to provide students from all backgrounds meaningful roles in a changing technological society. The department has existing expertise in artificial intelligence, computer networking, cybersecurity, data science, parallel and distributed systems, software engineering, and theory of computation. We are looking to build our expertise in data science, cybersecurity, and digital transformation in areas including healthcare, Fintech, VR/AR and digital manufacturing. The CS department is in a significant growth phase as part of the university’s and college’s strategic plans, seeking to ambitiously grow its faculty and its impact during the coming years. It is also launching diverse new interdisciplinary programs as part of CoC, and has strong growing partnerships with Chicago’s burgeoning tech community.

We are looking for an individual with extensive leadership experience who will be expected to foster inclusive excellence in research and education, demonstrate a strong commitment to diversity, equity and inclusion through their leadership, research, teaching and service endeavors, and develop and execute a plan, in collaboration with the Dean as well as key college and campus partners, that leads the department to a new level of preeminence in the coming years. Candidates for the position of department chair are expected to merit appointment as full professor and have a sustained record of distinguished research and academic achievements. The position of department chair offers highly competitive compensation and benefits. Review of applications will begin November 15, 2022, and continue until the position is filled. Nominations and applications should be made at https://academicjobsonline.org/ajo/jobs/22837
Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/ ADEA employer; we are committed to enhancing equity, inclusion and diversity within our community. Illinois Tech seeks applications from all individuals regardless of race, color, sex, marital status, religion, creed, national origin, disability, age, military or veteran status, sexual orientation, and/or gender identity and expression. All qualified applicants will receive equal consideration.

**Indiana State University**

**Tenure-Track Assistant Professor**

The Department of Mathematics and Computer Science at Indiana State University invites applications for a tenure-track position in Computer Science at the rank of Assistant Professor.

EOE/Minority/Female/Individual with Disability/Veteran.

To apply - [https://cs.indstate.edu/info/positions.html](https://cs.indstate.edu/info/positions.html)

**Indiana University**

**Assistant Professors in Computer Science (all areas)**

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IUI) Bloomington invites applications for two full-time tenure track Assistant Professor positions in Computer Science (CS) to begin August 1, 2023. We are interested in candidates with research interests in all areas of computer science, particularly in algorithms, systems, AI and machine learning, security, and programming languages.

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations. Duties will include research, teaching multi-level courses both online and in person, participating in course design and assessment, and service to the School.

Applicants should have a demonstrable potential for excellence in research and teaching and a PhD in Computer Science, or a related field expected before August 2023.

Applications received by December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found.

Candidates should review application requirements, learn about IU, Luddy School, and benefits, and apply online at: [https://indiana.peopleadmin.com/postings/14021](https://indiana.peopleadmin.com/postings/14021)

Questions may be sent to Dr. Jeremy Siek ([jsiek@indiana.edu](mailto:jsiek@indiana.edu)).

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

**Indiana University**

**Lecturer, Data Science**

The Department of Human-Centered Computing, Indiana University School of Informatics and Computing (SoIC) at IUPUI, invites applicants for a Lecturer appointment in the area of Data Science. Exceptional instructors are being sought to join our fast-growing department.

The responsibilities of the position include teaching assigned courses in the Data Science graduate programs, developing courses for the traditional classroom setting, computer labs and for online education; help setting program and specialization goals, developing and continually updating the curriculum and training activities; contributing to the recruitment and marketing of the program; interviewing, evaluating and advising students; engaging in scholarly activity related to teaching; serving as a member of SoIC, departmental and programs committees; maintaining current knowledge and skillset in the data science profession through active participation in professional organizations, collaboration, practice and research; and serving on professional committees. The teaching load for a Lecturer position is four courses per semester. The appointment will begin August 1, 2023, at the IUPUI campus.

As the state’s premier urban research institution, IUPUI is committed to being a welcoming campus community that reflects and enacts the values of diversity, equity and inclusion that inform academic excellence. We seek candidates who will not only enhance our representational
diversity but whose research, teaching, and community engagement efforts contribute to diverse, equitable, and inclusive learning and working environments for our students, staff, and faculty. IUPUI condemns racism in all its forms and has taken an anti-racist stance that moves beyond mere statements to interrogating its policies, procedures, and practices. We hope to identify individuals who will assist in our mission to dismantle racism so that everyone has the opportunity to succeed at IUPUI.

Fostering an inclusive environment makes us stronger. The Indiana University School of Informatics and Computing at IUPUI draws on the strengths of a diverse community of students, faculty, and staff to enrich the educational experience, broaden participation in computing, and meet the needs of emerging technology. SoIC is committed to actively recruiting and retaining students, faculty, and staff from all backgrounds and cultures to join the next generation of innovators. We welcome what every individual brings to our learning environment—socially, geographically, and in thought and experience.

Review of applications will begin immediately, however, the position will remain open until filled.

Requirements for this appointment include a master’s degree in computer science, data science or related fields. The ideal candidate will possess a minimum of five years of industry experience in the Data Science field, with at least one year of management experience; ability to teach a broad range of data science graduate courses; comprehensive and extensive knowledge and experience in data science methods and techniques. Demonstrated ability to learn new data science methods and approaches. A PhD degree in Computer Science, Data Science or related fields is preferred to teach at the graduate level.

Questions pertaining to this position may be directed to the Department Chair, Davide Bolchini at dbolchin@iupui.edu.

Applications may be submitted at https://indiana.peopleadmin.com/postings/13739.

Indiana University

Luddy School of Informatics, Computing, and Engineering

Faculty Positions in Intelligent Systems Engineering

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) Bloomington invites applications for three full-time tenure track/tenured faculty positions in Intelligent Systems Engineering (ISE) to begin August 1, 2023. Positions are expected to be filled at the assistant professor level but associate or full professor level may be considered.

We are particularly interested in candidates whose research develops and applies advanced computational approaches in computer engineering and computer systems engineering such as intelligent systems, applied machine learning and artificial intelligence, reconfigurable computing, high-performance computing, embedded systems, cyber-physical systems, VLSI, radiation effects, and microelectronics reliability.

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations. Duties will include research, teaching multi-level courses both online and in person, participating in course design and assessment, and service to the School.

Applicants should have demonstrable potential for excellence in research and teaching (junior level), or an established record of excellence in both (senior level), and a PhD in Engineering, Computer Science, or a related field expected before August 2023.

Applications received by December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found. Interested candidates may review application requirements, find employment details and benefits, learn about IU and the Luddy School, and apply online at:

https://indiana.peopleadmin.com/postings/14479

Questions may be sent to isechair@indiana.edu

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sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

India University

Lecturer, Multichannel Web Design and Development

The Department of Human-Centered Computing, Indiana University School of Informatics and Computing (SoIC) at IUPUI, invites applicants for a Lecturer appointment in the area of Multichannel Web Design and Development. Exceptional instructors are being sought to join our fast-growing department.

The responsibilities of the position include teaching assigned courses in the Media Arts and Science and Informatics program, developing courses for the traditional classroom setting, computer labs and for online education; help setting program and specialization goals, developing and continually updating the curriculum and training activities; contributing to the recruitment and marketing of the program; interviewing, evaluating and advising students; engaging in scholarly activity; serving as a member of SoIC, departmental and programs committees; maintaining current knowledge and skillset in the Web Design and Development profession through active participation in professional organizations, collaboration, practice and research; and serving on professional committees. The appointment will begin August 1, 2023, at the IUPUI campus.

As the state’s premier urban research institution, IUPUI is committed to being a welcoming campus community that reflects and enacts the values of diversity, equity and inclusion that inform academic excellence. We seek candidates who will not only enhance our representational diversity but whose research, teaching, and community engagement efforts contribute to diverse, equitable, and inclusive learning and working environments for our students, staff, and faculty. IUPUI condemns racism in all its forms and has taken an anti-racist stance that moves beyond mere statements to interrogating its policies, procedures, and practices. We hope to identify individuals who will assist in our mission to dismantle racism so that everyone has the opportunity to succeed at IUPUI.

Fostering an inclusive environment makes us stronger. The Indiana University School of Informatics and Computing at IUPUI draws on the strengths of a diverse community of students, faculty, and staff to enrich the educational experience, broaden participation in computing, and meet the needs of emerging technology. SoIC is committed to actively recruiting and retaining students, faculty, and staff from all backgrounds and cultures to join the next generation of innovators. We welcome what every individual brings to our learning environment—socially, geographically, and in thought and experience.

Review of applications will begin immediately, however, the position will remain open until filled.

Requirements for this appointment include a master’s degree, preferably in a field related to media design, informatics, computer science, or web application development. The ideal candidate will possess a minimum of five years of industry experience in the web design and development field, with at least one year of management experience, comprehensive and extensive knowledge and experience in using the latest technologies in full-stack web development, including React. Demonstrated ability to learn new programming languages, frameworks, and web development technologies.

Questions pertaining to this position may be directed to the Department Chair, Davide Bolchini at dbolchin@iupui.edu.

Applications may be submitted at https://indiana.peopleadmin.com/postings/13740.

Indiana University

Assistant Professor in Computer Science (quantum information science)

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) Bloomington invites applications for one full-time tenure track Assistant Professor position in Computer Science (CS) to begin August 1, 2023.

We are particularly interested in candidates with research interests in quantum information science including formal models of computation, algorithms, information theory, and machine learning with connection to quantum computation, quantum simulation, and quantum cryptography. The successful candidate will join a dedicated group of quantum researchers in the Computer Science department, be a member of the campus-
wide Center for Quantum Science and Engineering (https://qsec.sitehost.iu.edu) which provides expanding opportunities for multidisciplinary collaborations, and a member of the recently funded NSF-IUCRC Center for Quantum Technologies which provides direct connections to quantum industrial partners.

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations. Duties will include research, teaching multi-level courses both online and in person, participating in course design and assessment, and service to the School.

Applicants should have a demonstrable potential for excellence in research and teaching and a PhD in Computer Science, or a related field expected before August 2023.

Applications received by December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found.

Candidates should review application requirements, learn about IU, Luddy School, and benefits, and apply online at: https://indiana.peopleadmin.com/postings/14013

Questions may be sent to Dr. Amr Sabry (sabry@indiana.edu)

Indiana University Lecturer, Human-Computer Interaction

The Department of Human-Centered Computing, Indiana University School of Informatics and Computing (SoIC) at IUPUI, invites applicants for a Lecturer appointment in the area of Human-Computer Interaction (HCI). Exceptional instructors are being sought to join our fast-growing department.

The responsibilities of the position include teaching assigned courses in the HCI and Informatics undergraduate and graduate programs, developing courses for the traditional classroom setting, computer labs and for online education; help setting program and specialization goals, developing and continually updating the curriculum and training activities; contributing to the recruitment and marketing of the program; interviewing, evaluating and advising students; engaging in scholarly activity; serving as a member of SoIC, departmental and programs committees; maintaining current knowledge and skillset in the HCI profession through active participation in professional organizations, collaboration, practice and research; and serving on professional committees. The appointment will begin August 1, 2023, at the IUPUI campus.

As the state’s premier urban research institution, IUPUI is committed to being a welcoming campus community that reflects and enacts the values of diversity, equity and inclusion that inform academic excellence. We seek candidates who will not only enhance our representational diversity but whose research, teaching, and community engagement efforts contribute to diverse, equitable, and inclusive learning and working environments for our students, staff, and faculty. IUPUI condemns racism in all its forms and has taken an anti-racist stance that moves beyond mere statements to interrogating its policies, procedures, and practices. We hope to identify individuals who will assist in our mission to dismantle racism so that everyone has the opportunity to succeed at IUPUI.

For additional information about the Indiana University School of Informatics and Computing, including degrees, course descriptions, plans of study and faculty research, please see http://soic.iupui.edu/.

Fostering an inclusive environment makes us stronger. The Indiana University School of Informatics and Computing at IUPUI draws on the strengths of a diverse community of students, faculty, and staff to enrich the educational experience, broaden participation in computing, and meet the needs of emerging technology. SoIC is committed to actively recruiting and retaining students, faculty, and staff from all backgrounds and cultures to join the next generation of innovators. We welcome
what every individual brings to our learning environment—socially, geographically, and in thought and experience.

Review of applications will begin immediately, however, the position will remain open until filled.

Requirements for this appointment include a master’s degree in HCI or related fields. The ideal candidate will possess a minimum of five years of industry experience in the HCI field, with at least one year of management experience; ability to teach a broad range of HCI undergraduate and graduate courses; comprehensive and extensive knowledge and experience in HCI design and user research methods and techniques. Demonstrated ability to learn new HCI methods and approaches.

Questions pertaining to this position may be directed to the Department Chair, Davide Bolchini at dbolchin@iupui.edu. Applications may be submitted at https://indiana.peopleadmin.com/postings/13741.

Indiana University (IU) Bloomington

Assistant Professors in Computer Science (databases)

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) Bloomington invites applications for two full-time tenure track Assistant Professor positions in Computer Science (CS) to begin August 1, 2023. We are looking for candidates with research interests in the area of databases, including database theory/algorithms, database systems, data mining, data science, and AI/ML for databases.

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations. Duties will include research, teaching multi-level courses both online and in person, participating in course design and assessment, and service to the School.

Applicants should have a demonstrable potential for excellence in research and teaching and a PhD in Computer Science, or a related field expected before August 2023.

Applications received by December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found.

Candidates should review application requirements, learn about IU, Luddy School, and benefits, and apply online at: https://indiana.peopleadmin.com/postings/13741

Questions may be sent to Dr. Qin Zhang (qzhangcs@indiana.edu)

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

Indiana University Bloomington

Associate or Full Professor in Informatics (director of human computer interaction/design program)

The Luddy School of Informatics, Computing, and Engineering (https://luddy.indiana.edu/) at Indiana University (IU) in Bloomington, Indiana invites applications for a tenure-track or tenured Associate or Full Professor position in the Department of Informatics to begin on August 1, 2023 in the area of human computer interaction (HCI).

The Associate or Full Professor appointee will serve as the Director of our HCI/design (HCI/d) program (https://hcid.luddy.indiana.edu/), one of the most preeminent programs of its kind, with a nineteen-year history and an international reputation.

We are particularly interested in candidates who can teach and mentor students in any of the following areas (no order intended): Human Centered Computing, Human Computer Interaction (HCI) broadly defined, Ethnographic Methods in HCI, Design Oriented HCI, Sustainable Interaction Design (SID) or Sustainable HCI (SHCI), AI and HCI, Social Justice and HCI, UI/UX Design Strategy

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations.
Professional Opportunities

https://luddy.indiana.edu/about/diversity/strategic-plan-for-inclusive-excellence.html

The HCI/d Director duties will include both online and in person teaching, research, service, and mentorship of students at the undergraduate, M.S., and PhD levels as well as formulating and coordinating industry partnerships for teaching and learning. The HCI/d Director will be part of the HCI/d faculty and will participate in course, curriculum, and overall program design.

Applicants should have an established record of excellence in research and teaching, and a PhD in Informatics, Computer Science, HCI, Design, or a related area.

Applications received before December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found. Candidates should review application requirements, become informed about IU, the Luddy School, and its many opportunities, and apply online at:

https://indiana.peopleadmin.com/postings/14025

Questions and confidential inquiries may be sent to Professors and Search Committee Co-Chairs Patrick C. Shih (patshih@indiana.edu) and Selma Sabanović (selmas@indiana.edu).

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Before a conditional offer of employment with tenure is finalized, candidates will be asked to disclose any pending investigations or previous findings of sexual or professional misconduct. They will also be required to authorize an inquiry by Indiana University Bloomington with all current and former employers along these lines. The relevance of information disclosed or ascertained in the context of this process to a candidate's eligibility for hire will be evaluated by Indiana University Bloomington on a case-by-case basis. Applicants should be aware, however, that Indiana University Bloomington takes the matters of sexual and professional misconduct very seriously.

Indiana University (IU) in Bloomington

Assistant Professor in Information and Library Science

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) in Bloomington, Indiana invites applications for a tenure track assistant professor position to begin in August 1, 2023 in the Department of Information and Library Science (ILS). Faculty research areas in ILS include social informatics, digital humanities, documentation, digital libraries, data curation, information retrieval, music informatics, text mining, computer mediated communication, and more. We are particularly interested in hiring in the area of knowledge infrastructure including information architecture, open access, open science, information retrieval, and media preservation and archives.

U.S. News & World Report ranked the Bloomington Information and Library Science program ninth nationally in its most recent rankings. The Luddy School of Informatics, Computing, and Engineering is the first of its kind and among the largest in the country, with over 140 faculty and 2700 students.

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations. Duties will include research, teaching both online and in person, and service.

Applicants should have a demonstrable potential for excellence in research and teaching and a Ph.D. in Information Science or a related field expected before August 2023. Applications received by December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found. Candidates should review application requirements, learn about IU, Luddy School, and benefits, and apply online at:

https://indiana.peopleadmin.com/postings/13824

Questions may be sent to the ILS Search Committee Chair, Pnina Fichman (fichman@indiana.edu).
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Indiana University-Bloomington-Lecturer in Informatics

The Luddy School of Informatics, Computing, and Engineering at Indiana University-Bloomington invites applications for a non-tenure track lecturer position in the Informatics department to begin on August 1, 2023. Informatics aims to teach students to critically examine technologies from multiple viewpoints (social, technical, etc.), find ways to solve problems using technology, and be able to effectively utilize different technologies to implement solutions (e.g., programming, prototyping, etc.).

We are particularly interested in candidates who can teach our core courses in any of the following areas: security, introductory and advanced programming (Python), database development, web design, application development, mobile development, or project management related to those areas.

In addition to both online and in person teaching, lecturers also supervise associate instructors and undergraduate teaching assistants assigned to their classes, develop laboratory material, grade, and perform other duties as assigned. Service is an important component of all faculty positions.

Lecturers at Indiana University are valued members of the faculty who support the teaching mission of the Luddy School through excellence in pedagogical practice, service to the school and academic programs, and inquiry into the advancement of pedagogy in computing or other professional development. After successfully completing a probationary period, lecturers are eligible for long-term contracts and promotion to Senior Lecturer rank. Senior Lecturers become eligible for promotion to Teaching Professor.

We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education. The strongest candidates can demonstrate their experience in teaching or working with diverse student populations.

Salary is commensurate with education and experience. For detailed benefit information please visit [https://hr.iu.edu/](https://hr.iu.edu/)

Basic Qualifications: Candidates should possess a Master’s of Science (MS) or higher degree in Informatics, Computer Science, Information Science, or a related discipline, or equivalent tested experience and mastery in industry, and should be able to demonstrate a record of teaching excellence and enthusiasm.

Applications received before December 1, 2022 will be assured full consideration; however, the search will remain open until a suitable candidate is found. Candidates should review application requirements and apply online at: [https://indiana.peopleadmin.com/postings/14031](https://indiana.peopleadmin.com/postings/14031)

Questions may be emailed to: johfdunc@indiana.edu

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INSAIT

Open Tenure-track and Tenured Faculty Positions

The Institute for Computer Science, Artificial Intelligence, and Technology (INSAIT), created in partnership with Switzerland’s ETH Zurich and EPFL and Bulgaria’s Sofia University, seeks candidates for faculty positions starting immediately, or on a mutually agreed date thereafter.

Founded in 2022 and located in Sofia, Bulgaria, INSAIT’s mission is to become a world-class computer science and artificial intelligence research institution. As such, INSAIT is structured similarly to top graduate U.S. and European institutions and provides outstanding working conditions, in terms of facilities, packages and salaries.
We welcome excellent faculty applicants in all areas of computer science and artificial intelligence, both tenure-track faculty as well as tenured researchers. Faculty duties involve supervision of graduate students as well as teaching graduate courses. Opportunities to supervise B.Sc. and M.Sc. dissertations are also possible due to INSAIT being well integrated with the local university.

To be eligible for this position candidates should:

- have earned a Ph.D. in computer science or closely related areas by the start of the position.
- demonstrate evidence they are able to pursue a strong and independent research program.
- have a strong commitment to teaching graduate courses.

Applications must include a curriculum vitae (CV), a research statement (up to 5 pages) and a teaching statement (up to 2 pages). Further, the application should provide the names and email addresses of three or more referees. The referees should be professionally established researchers who know the candidate well, both academically and personally. It is the responsibility of the candidate to arrange reference letters to be sent to contact@insait.ai.

Applications received before January 15, 2023 will be assured full consideration; however, we will continue accepting applications until the positions are filled.

When ready to apply, go to https://insait.ai/join-as-faculty/.

INSAIT is a strong proponent of equal opportunities, diversity, and inclusion, and as such, we strive to offer equal opportunities and access to all candidates regardless of their race, colour, ethnic or social origin, genetic features, language, religion or belief, political or any other opinion, minority membership, disability, age, gender identity, or any other protected characteristic. We strongly welcome applications from all under-represented groups in the field.

Iowa State University

Assistant, Associate, or Full Professor - Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at Iowa State University, Ames, IA, invites applications for tenure-track or tenured faculty positions in electrical and computer engineering. Appointments will be considered at all experience levels. Iowa State University is an Equal Opportunity/Affirmative Action employer.

Apply online at https://go.iastate.edu/NVXNQI

For full consideration, applications must be received by Sep. 15, 2022.

Kean University

Assistant/Associate Professor Tenure Track

The Department of Computer Science and Technology at Kean University invites applications for Assistant/Associate Professor tenure-track positions in Computer Science and Information Technology. All areas of research are welcome to apply.

Kean University, a public university, is located just outside of New York City. The Department has a strong commitment to undergraduate research and offers ABET-accredited undergraduate degrees in both Computer Science and Information Technology, along with a graduate master’s degree, and has earned the NSA Center of Academic Excellence in Cyber Defense (NSA CAE-CD) designation. All programs feature small classes in a new building and a collaborative team of faculty with national distinction in undergraduate research mentoring. Current funding sources include NSF and industry. Kean is a Hispanic Serving Institution (HSI) and serves as the regional hub for the Computing Alliance of Hispanic Serving Institutions (CAHSI).

For full consideration, please apply at: https://kean.wd1.myworkdayjobs.com/en-US/Kean/details/Assistant-Associate-Professor--School-of-Computer-Science--Technology--Fall-2023_R1651

Le Moyne College

Tenure Track Assistant Professor of Computer Science

About LeMoyne College:

Le Moyne College, located in Syracuse, N.Y. is an independent college established by the Jesuits in 1946 to provide students with a values-based, comprehensive academic program designed to foster intellectual excellence and preparation
for a life of leadership and service. Today, Le Moyne has evolved into a nationally acclaimed college of liberal arts and sciences that draws students from across the U.S. and abroad.

Our Mission:
Le Moyne College is a diverse learning community that strives for academic excellence in the Catholic and Jesuit tradition through its comprehensive programs rooted in the liberal arts and sciences. Its emphasis is on education of the whole person and on the search for meaning and value as integral parts of the intellectual life. Le Moyne College seeks to prepare its members for leadership and service in their personal and professional lives to promote a more just society.

Le Moyne College aims to advance the values of diversity and inclusiveness at the college. To do this, Le Moyne seeks scholars and professionals who bring innovation, creativity, and impact to the campus, and who bring greater depth, breadth, and diversity to our campus community.

Job Description:
Le Moyne College, a primarily undergraduate institution in Syracuse, NY, invites applications for a tenure track Assistant Professor of Computer Science beginning August 2023. We seek a colleague with strong interest in undergraduate teaching within a liberal arts setting, who is able to teach a wide range of Computer Science courses, and who welcomes opportunities for curriculum development, student advising and mentoring. The position carries a 3-3 teaching load and involves mentoring and academic advising of students in the major. Successful candidates should have a research program appropriate to a liberal arts college.

Requirements:
• Must possess a Ph.D. degree in Computer Science or a related field by the position start date.
• Teaching experience preferred
• Evidence of an active research agenda preferred

Additional Information:

Diversity, Equity & Inclusion job expectations for all Le Moyne College employees:
• Demonstrates commitment to promoting a more diverse, inclusive and equitable work environment by supporting the diversity, equity, and inclusion goals of the employee’s unit.
• Regularly participates in professional development opportunities to become more aware of DEI issues and to consider ways in which their work can be expanded to honor and incorporate the diversity of our community.
• Works to neutralize institutional bias by analyzing the policies and procedures of their unit and making suggestions to remove barriers for historically underserved people.
• Promotes open communication across Le Moyne’s community in order to create an inclusive environment, and understanding of others backgrounds, ideas, and perspectives.

Le Moyne Benefits
• 403(b) Retirement contribution- (9.5% Employer match)
• Generous tuition coverage
• Health insurance options- (Medical, Dental, Vision, Flexible Spending Accounts)
• Health Savings Accounts- (Partially Employer funded)
• Basic Life & AD&D Insurance- (Employer paid)
• Short and Long Term Disability Insurance (Employer paid)
• Supplemental Life & AD&D Insurance
• Voluntary benefits- (Legal, Critical Illness, Hospital Indemnity, Accident Insurance, Pet Insurance etc.)
• Generous time off package

For more details on the College’s benefit programs, please visit our Benefits page by clicking here.

Equal Employment Opportunity
Le Moyne College is an equal opportunity employer that is committed to diversity and inclusion in the workplace. We prohibit discrimination and harassment of any kind based on race, color, sex, religion, sexual orientation, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by federal, state, or local laws.

This policy applies to all employment practices within our organization, including hiring, recruiting, promotion, termination, layoff, recall, leave of absence, compensation, benefits, training, and apprenticeship. Le Moyne makes hiring decisions based solely on qualifications, merit, and business needs at the time.
Application Instructions:
To apply for this position, click apply now and submit the following application materials:

- A cover letter discussing your interests in teaching in a small department within a liberal arts institution
- A copy of your curriculum vitae
- A statement of your teaching philosophy, experience, and interests
- A statement of research and scholarship
- Three (3) letters of recommendation to be submitted to lemoynehr@lemoyne.edu with the subject line “Computer Science Professor.”

Lehigh University
Associate/Full Professor with Tenure, Tenure-track Assistant/Associate Professor

The Department of Electrical and Computer Engineering invites applications for a tenure-track faculty position as Assistant/Associate/Full Professor of Electrical and Computer Engineering with a specialization in computer engineering, effective August, 2023.

Review of Applications will begin in early December. For full consideration, applications should be received online by December 15, 2022. Review of applications will continue until the position is filled.


Any inquiries regarding this search should be directed to yan@lehigh.edu.

Lehigh University
Open Rank Teaching Faculty in Computer Science

The Department of Computer Science and Engineering (CSE) invites applications for full-time, non-tenure track, teaching faculty positions in Computer Science, to start no later than August 2023. An earlier start date may be possible. Lehigh has multiple ranks for teaching faculty and the successful candidate will be hired into a rank commensurate with their experience. Candidates must hold a graduate degree in Computer Science, Computer Engineering, or a closely related field prior to the official start of employment. The successful candidate will have the opportunity to teach core courses in computer science such as systems courses, as well as elective courses in their areas of interest. Teaching faculty are also expected to participate in departmental service.

Review of applications will begin November 15, 2022 and will continue until the positions are filled.

Applicants should submit their materials at https://academicjobsonline.org/ajo/jobs/22963. Candidates should submit a cover letter, curriculum vitae, teaching statement, diversity statement, and contact information for at least three references. Questions concerning this search may be sent to Profs. Heflin and Kalafut at teaching-search@cse.lehigh.edu.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status. Lehigh University provides competitive salaries and comprehensive benefits and has a well-developed infrastructure to address dual career and work-life balance matters. As demonstrated by our Core Values and the Principles of Our Equitable Community, Lehigh University is committed to the values of Integrity and Honesty, Equitable Community, Academic Freedom, Intellectual Curiosity, Collaboration, Commitment to Excellence, and Leadership.

Lehigh University College of Health
The Ellen and Vincent Forlenza ’75 Chair in Health Innovation and Technology

The Lehigh University College of Health invites nominations and applications for the inaugural Ellen and Vincent Forlenza ’75 Chair in Health Innovation and Technology. The Forlenza endowed faculty chair was created to leverage Lehigh’s traditional strengths in technology in the service of health. The holder of the Forlenza chair will be expected to develop health applications using artificial
Professional Opportunities

Lehigh University

Tenure-Track Faculty (Open Rank) in Computer Science and Engineering

The Department of Computer Science and Engineering (CSE) in the P.C. Rossin College of Engineering and Applied Science at Lehigh University invites applications for tenure-track faculty at the ranks of assistant professor, associate professor, or full professor to start August 2023. Tenure on appointment is possible for senior candidates. Outstanding candidates in all areas of computer science will be considered. Applicants must hold a Ph.D. in Computer Science or a closely related field prior to the official start of employment. The full position description is available at https://engineering.lehigh.edu/cse/contact/job-openings.

Founded in 1865, Lehigh University has combined outstanding academic and learning opportunities with leadership in fostering innovative research. Recognized among the nation’s highly ranked research universities, Lehigh offers a rigorous academic community for over 7,000 students and about 550 full-time faculty members. Lehigh University is located in Bethlehem, PA, a vibrant and historic area.

For full consideration, application materials should be received online by December 15, 2022, but reviews will start by November 15, 2022.

Candidates applying for a senior position with tenure must submit application materials online at https://academicjobsonline.org/ajo/jobs/22606. Candidates requesting a position without tenure must submit application materials at https://academicjobsonline.org/ajo/jobs/22607. Applications should include a cover letter, curriculum vitae, teaching statement, research statement, diversity statement, and contact information for at least three references. Questions concerning this search may be sent to faculty-search@cse.lehigh.edu.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status. Lehigh University provides competitive salaries and comprehensive benefits and has a well-developed infrastructure to address dual career and work-life balance matters.

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Louisiana State University

Manager - Data Processing/Computer Services 2

The LSU Division of Computer Science and Engineering (CSE) resides in the School of Electrical Engineering and Computer Science (https://www.lsu.edu/eng/cse/). The division offers B.Sc., M.Sc., and Ph.D. degree programs in computer science and has a strong record in research and training in many key areas of computer science, including software engineering, cloud computing, data analytics, and cybersecurity. It supports 25 faculty members and around 1000 students. This position is responsible for planning, building, deployment, and administration of complex computing systems for the Division of Computer Science and Engineering. This includes servers for e-mail archives, file sharing, student coursework, and clusters for research purposes. Also responsible for maintaining and imaging computing labs and providing desktop hardware and software support to users in the Division. Work with faculty and staff to determine needs in each area below and find solutions that fit available budgets.

50% - IT Management: The computer manager must research, design, plan, deploy and maintain computer systems
for use in various capacities. These are primarily Linux servers requiring knowledge of Linux virtualization, legacy email systems, web services, shell scripting, and best security practices. This also requires a working knowledge of computer networking, Windows Active Directory and imaging software in order to manage over 250 Division desktop PCs.

Preferred Qualifications:
Master’s Computer Science or related field with 1 year experience.
Specific Experience: Debian Linux, Proxmox VE or qemu, and bash scripting. Managing windows computers via Active Directory using Group Policy. Using Symantec Ghost or other software to image and manage lab computers. Basics of web hosting, A/V systems, facilities management, and building computers from parts.

Please apply here

Macalester College
Tenure-Track Assistant Professor of Computer Science

Macalester College invites applications for a tenure-track Assistant Professor in Computer Science to begin Fall, 2023. Candidates must have or be completing a PhD in CS or a closely related field and have a strong commitment to both teaching and research in an undergraduate liberal arts environment. Areas of highest priority include algorithms and theory, systems (including parallel / distributed, networks, or operating systems), programming languages, hardware, and data science.

Evaluation of applications will begin October 14.

Apply at: https://academicjobsonline.org/ajo/jobs/22390

Marian University of Indianapolis
Open Rank Professor of Computer Science

As part of a diverse community of faculty and staff who represent many faith systems and worldviews, the Department of Mathematical and Computational Sciences at Marian University in Indianapolis, IN seeks a dynamic and innovative leader for the position of tenure-track Professor in Computer Science. The appointment shall begin in the Fall of 2023.

For more details, please apply online here: https://marian.peopleadmin.com/postings/1347

Massachusetts Institute of Technology (MIT)
Cambridge, Ma
Department Of Mathematics

The Mathematics Department at the Massachusetts Institute of Technology (MIT) together with the MIT Schwarzman College of Computing (SCC) is seeking to fill one position in Theoretical Aspects of Quantum Computing at the level of tenure-track Assistant Professor beginning July 1, 2023 (for the 2023-2024 academic year, or as soon thereafter as possible). Specific topics of interest include quantum algorithms, quantum complexity theory, quantum information, and quantum cryptography. Appointments are based primarily on exceptional research qualifications. Appointees will be required to fulfill teaching duties and pursue their own research program.
Professional Opportunities

PhD in Mathematics, Computer Science, Physics, or related field required by employment start date.

The successful candidate will have a shared appointment in both the Mathematics Department and SCC, in either the Department of Electrical Engineering and Computer Science (EECS) or the Institute for Data, Systems, and Society (IDSS). Faculty duties will include teaching, conducting original scholarly research, supervising and mentoring students, and playing an active role in shaping the academic work and cultures of both the Mathematics Department and SCC communities. Appointees are expected to teach in both the Mathematics Department and in educational programs of SCC.

The Mathematics Department and SCC offer supportive mentorship to junior faculty, an exceptional environment for research, and a strong commitment to an inclusive, welcoming culture. MIT is an equal opportunity employer. We value diversity and strongly encourage applications from individuals from all identities and backgrounds. All qualified applicants will receive equitable consideration for employment based on their experience and qualifications, and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 15, 2022.

McMaster University
Department of Computing and Software

Tenure-Track Faculty Positions in Computing and Software

McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and, within the lands protected by the Dish with One Spoon wampum agreement.

Position Description

McMaster University’s Faculty of Engineering invites applications for four tenure-track positions at the rank of Assistant Professor in the Department of Computing and Software; however, exceptional candidates may be considered at the rank of Associate Professor. The positions will be located on the main university campus to begin on July 1, 2023, or shortly thereafter.

Applicants in all areas of Computer Science and Software Engineering are encouraged to apply. The Department has identified specific needs in theoretical computer science, machine learning areas such as natural language processing and computer vision, human-computer interaction (HCI), security, software engineering, and systems.

The Department of Computing and Software is one of the top departments for Computer Science and Software Engineering in Canada. We have 35 faculty members with expertise in computer systems, software engineering, theoretical computer science, security, privacy, machine learning, data analytics, scientific computing, and bioinformatics. The department mentors over 1,600 undergraduate students in three programs: computer science, software engineering, and mechatronics engineering. It also mentors more than 120 graduate students in masters and doctoral programs in computer science and software engineering.

Ranked among the top engineering schools in Canada and worldwide, McMaster Engineering has a long history of excellence in cutting edge research, student-focused education, innovative programs, leading faculty, and achieving students. We integrate experiential learning into every facet of the student journey, offer Canada’s largest undergraduate research program, vibrant co-op opportunities, and much more. With 200 faculty members, about 7,500 undergraduate and 1,250 graduate students, we are a world class centre for academic excellence and innovation.

Founded in 1887, McMaster University is one of only four Canadian universities ranked among the top 80 in the world by the Times Higher Education World University Rankings for 2022 and is home to more than 70 research centres and institutes. Named Canada’s most research-intensive university in 2017, 2018, 2019 and 2020 by Research Infosource, McMaster is dedicated to teaching, learning and service. With a student population of more than 36,000, McMaster welcomes students from 120 countries as well as Canada. Discover more of what McMaster Engineering and the Hamilton area can offer to academic professionals and their families by reviewing the Information Guide highlighting our
research excellence, family-friendly resources and rich local culture. Opportunities for continuous personal and professional growth are also made available through our Faculty’s Fireball Academy and the MacPherson Institute.

Successful Candidate

We seek talented and dynamic individuals who will contribute to the excellence of the department in research, teaching, and service. Applicants are expected to have a PhD in Computer Science, Software Engineering, or a related discipline, by the time of the appointment. They must demonstrate a record of excellence in teaching and research and a willingness and ability to contribute to the department’s collegial and collaborative intellectual community as well as university-wide inclusive excellence goals and priorities. The successful candidate will teach both undergraduate and graduate level courses. Research excellence will be reflected in the successful mentoring of graduate students, particularly doctoral students, extramural grant acquisition, and publication in high quality peer-reviewed journals and conferences. They will be expected to establish a strong externally funded research program, and foster collaborations within the Department, Faculty, University, and beyond.

Applicants should also possess outstanding leadership and communication skills, a commitment to excellence in service, and ability to work effectively with individuals from diverse backgrounds. All candidates will be expected to participate in the normal administrative, educational, and professional activities of the Department, Faculty and University. Applicants are expected to have licenses for the practice of engineering in Canada or the ability and eligibility to apply for an engineering license with the Professional Engineers of Ontario within 3 years.

Commitment to Inclusive Excellence

The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration, and diversity, and has a strong commitment to employment equity.

The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from First Nations, Métis and Inuit peoples, members of racialized communities (visible minorities), persons with disabilities, women, and persons who identify as 2SLGBTQ+. We invite all applicants to complete a brief Diversity Survey as part of the application process. It takes approximately two minutes to complete. All questions are voluntary, with an option to decline to answer. All information collected is confidential and will be used to support efforts to broaden the diversity of the applicant pool and to promote a fair, equitable and inclusive talent acquisition process. Inquiries about the Diversity Survey may be directed to hr.empequity@mcmaster.ca.

Job applicants requiring accommodation to participate in the hiring process should contact the Office of the Dean of Engineering at 905-525-9140 ext. 24900 to communicate accommodation needs.

How to Apply:

Please submit the following materials through the University’s electronic portal: https://careers.mcmaster.ca/psp/prepprd/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCHJOB.GBL?Page=HRS_APP_JBPST&Action=U&SiteId=1000&FOCUS=Applicant&JobOpeningId=50522&PostingSeq=1 [Job Opening # 50522]:

Chair
Department of Computing and Software
1280 Main Street West
McMaster University,
Hamilton, ON Canada L8S 4L7

- letter of application demonstrating how the candidate meets the selection criteria outlined above and describing, if applicable, the impact that career interruptions may have had on research productivity (1-2 pages)
- curriculum vitae
- statement on research interests (1-2 pages)
- a selection of recent research publications (3)
- statement on teaching interests and philosophy (including evidence of teaching effectiveness)
- statement on contributions to inclusive excellence in teaching, research, and service, including a description of how you will advance
the University’s commitment to building an inclusive community and to fostering a culture which embraces and promotes the rich diversity of the campus community (2 pages)

• the names and contact information of at least three referees, including postal and email addresses. The referees should not be in a conflict of interest, with at least one being recognized as an international authority in the candidate’s field and not residing in the country in which the candidate is currently working. In cases where the applicant is a Canadian Indigenous researcher (First Nations, Inuit or Métis) based in Canada, the name and contact information of an international referee is not required.

Complete applications that are received by January 30, 2023 will be given full consideration; however, review of applications will continue until the positions are filled. The effective date of appointment is negotiable, but July 1, 2023 is preferred. All applicants will receive an online confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews. Letters of recommendation from referees will be requested during the later stages of the search process. Direct any inquiries about this position to chaircas@mcmaster.ca.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. To comply with the Government of Canada’s reporting requirements, the University gathers information about applicants’ status as either a permanent resident of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements:

Yes, I am a citizen or permanent resident of Canada

No. I am not a citizen or permanent resident of Canada

Vaccination Policy:
The University is committed to providing and maintaining healthy and safe working and learning environments for all employees, students, volunteers and visitors. The University’s Vaccination Policy- COVID-19 Requirements for Employees and Students (the “Vaccination Policy”), requires all McMaster community members, including employees, accessing a McMaster campus or facility in person to be fully vaccinated or to have received an exemption from the University for a valid human rights ground. While the Policy will be currently paused, this Policy may resume quickly and on short notice, as informed by public health advice and direction. As a result, failure to achieve and maintain fully vaccinated status or an approved human rights-based exemption may result in termination of employment. This is a term and condition of employment. The University will continue to follow the guidance of public health organizations to define fully vaccinated status.

Further information is available at the following link: https://covid19.mcmaster.ca/vaccination-mandate/. More information on the University’s Health and Safety framework is available online at https://hr.mcmaster.ca/resources/covid19/. Questions regarding the above requirements or any accommodation requests through the recruitment process can be directed to hr.mcmaster@mcmaster.ca.
Professional Opportunities

combinatorial algorithms, cryptography, program semantics and verification, computational geometry, and computational number theory and algebra, should apply.

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Ranked among the top engineering schools in Canada and worldwide, McMaster Engineering has a long history of excellence in cutting edge research, student-focused education, innovative programs, leading faculty, and achieving students. We integrate experiential learning into every facet of the student journey, offer Canada’s largest undergraduate research program, vibrant co-op opportunities, and much more. With 200 faculty members, about 7,500 undergraduate and 1,250 graduate students, we are a world class centre for academic excellence and innovation.

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Successful Candidate

We seek talented and dynamic individuals who will contribute to the excellence of the department in research, teaching, and service. Applicants are expected to have a PhD in Computer Science, Software Engineering, or a related discipline, by the time of the appointment. They must demonstrate a record of excellence in teaching and research and a willingness and ability to contribute to the department’s collegial and collaborative intellectual community as well as university-wide inclusive excellence goals and priorities. The successful candidate will teach both undergraduate and graduate level courses. Research excellence will be reflected in the successful mentoring of graduate students, particularly doctoral students, extramural grant acquisition, and publication in high quality peer-reviewed journals and conferences. They will be expected to establish a strong externally funded research program, and foster collaborations within the Department, Faculty, University, and beyond.

Applicants should also possess outstanding leadership and communication skills, a commitment to excellence in service, and ability to work effectively with individuals from diverse backgrounds. All candidates will be expected to participate in the normal administrative, educational, and professional activities of the Department, Faculty and University. Applicants are expected to have licenses for the practice of engineering in Canada or the ability and eligibility to apply for an engineering license with the Professional Engineers of Ontario within 3 years.

Commitment to Inclusive Excellence

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The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from First Nations, Métis and Inuit peoples, members of racialized communities (‘visible minorities’), persons with disabilities, women, and persons who identify as 2SLGBTQ+.
We invite all applicants to complete a brief Diversity Survey as part of the application process. It takes approximately two minutes to complete. All questions are voluntary, with an option to decline to answer. All information collected is confidential and will be used to support efforts to broaden the diversity of the applicant pool and to promote a fair, equitable and inclusive talent acquisition process. Inquiries about the Diversity Survey may be directed to hrempequity@mcmaster.ca.

Job applicants requiring accommodation to participate in the hiring process should contact the Office of the Dean of Engineering at 905-525-9140 ext. 24900 to communicate accommodation needs.

How to Apply:

Please submit the following materials through the University’s electronic portal: https://careers.mcmaster.ca/psp/prepprd/EMPLOYEE/HRMS/c/HRS_HRAM. HRS_APP_SCHJOB.GBL?Page=HRS_APP_JBPST&Action=U&SiteId=1000&FOCUS=Applicant&JobOpeningId=50522&PostingSeq=1 [Job Opening 50522]:

Chair
Department of Computing and Software
1280 Main Street West
McMaster University,
Hamilton, ON Canada L8S 4L7

• letter of application demonstrating how the candidate meets the selection criteria outlined above and describing, if applicable, the impact that career interruptions may have had on research productivity (1-2 pages)

• curriculum vitae

• statement on research interests (1-2 pages)

• a selection of recent research publications (3)

• statement on teaching interests and philosophy (including evidence of teaching effectiveness)

• statement on contributions to inclusive excellence in teaching, research, and service, including a description of how you will advance the University’s commitment to building an inclusive community and to fostering a culture which embraces and promotes the rich diversity of the campus community (2 pages)

• the names and contact information of at least three referees, including postal and email addresses. The referees should not be in a conflict of interest, with at least one being recognized as an international authority in the candidate’s field and not residing in the country in which the candidate is currently working. In cases where the applicant is a Canadian Indigenous researcher (First Nations, Inuit or Métis) based in Canada, the name and contact information of an international referee is not required

Complete applications that are received by January 30, 2023 will be given full consideration; however, review of applications will continue until the positions are filled. The effective date of appointment is negotiable, but July 1, 2023 is preferred. All applicants will receive an online confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews. Letters of recommendation from referees will be requested during the later stages of the search process. Direct any inquiries about this position to chaircas@mcmaster.ca.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. To comply with the Government of Canada’s reporting requirements, the University gathers information about applicants’ status as either a permanent resident of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements:

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No, I am not a citizen or permanent resident of Canada

Vaccination Policy:

The University is committed to providing and maintaining healthy and safe working and learning environments for all employees, students, volunteers and visitors. The University’s Vaccination Policy-COVID-19 Requirements for Employees and Students (the “Vaccination Policy”), requires all McMaster community members, including employees, accessing a McMaster campus or facility in person to be fully vaccinated or to have received an exemption from the University for a valid human rights ground. While the Policy will be currently paused, this Policy may resume quickly and on short notice.
as informed by public health advice and direction. As a result, failure to achieve and maintain fully vaccinated status or an approved human rights-based exemption may result in termination of employment. This is a term and condition of employment. The University will continue to follow the guidance of public health organizations to define fully vaccinated status.

Further information is available at the following link: https://covid19.mcmaster.ca/vaccination-mandate/. More information on the University’s Health and Safety framework is available online at https://hr.mcmaster.ca/resources/covid19/. Questions regarding the above requirements or any accommodation requests through the recruitment process can be directed to hr.mcmaster@mcmaster.ca.

**Miami University**

**Assistant/Associate Professor**

Computer Science, Software Engineering, & Cybersecurity: Assistant/Associate Professor of Computer Science, Software Engineering, or Cybersecurity (multiple tenure-track positions) to teach undergraduate and graduate students; establish and maintain a strong research program; advise students and supervise graduate research; provide service to the institution. Expected start date: Fall 2023.

Required: Doctorate in computer science, software engineering, computer engineering, cybersecurity or a closely related field (ABDs may apply but all degree requirements must be completed by date of appointment). Doctorate is required by December 31, 2023. Appointment to the rank of Associate Professor requires an established record of high-quality teaching and scholarship/research with a strong prospect for continuation. Ability to teach courses in computer science, software engineering and/or cybersecurity.

Consideration may be given to candidates with a record of published research/scholarship in computer science, software engineering, or cybersecurity and/or experience teaching in higher education. Areas of particular interest include: computer graphics/vision, parallel and distributed computing, computing and network security, or software engineering. Cluster hiring is currently underway in the area of cybersecurity to support the Center for Cybersecurity Research and Education.

Submit cover letter, curriculum vita, statement of research plans, teaching philosophy and evidence of teaching ability (course evaluations, letter from supervisor, etc.), and a one-page diversity statement addressing past and/or potential contributions to advancing diversity, equity, and inclusion through research, teaching, and/or service to https://jobs.miamioh.edu/cw/en-us/job/500593/tenuretrack-assistantassociate-professor. Department will request letters of recommendation from references listed in application.

Inquiries may be directed to cse.search@miamioh.edu. Screening of applications will begin October 1, 2022 and continue until the positions are filled.

**Michigan Technological University**

**Assistant Professor and Assistant Teaching Professor (Multiple)**

The College of Computing at Michigan Technological University invites applications for multiple tenure-track and instructional-track faculty positions. While the anticipated ranks are Assistant Professor and Assistant Teaching Professor, applicants with the required education, experience, knowledge, skills, abilities, and accomplishments commensurate with a higher rank will also be considered for an appointment at the higher rank. The anticipated start date is August 2023.

**Department of Applied Computing**

Tenure-Track Assistant Professor

The successful candidate should have an earned doctorate in a computing or related discipline at the time of employment. Teaching and research areas of interest include one or more of the following: cybersecurity, health informatics, digital forensics, risk management, bio-medical data science, and does not permit, and takes action to prevent, harassment, discrimination and retaliation. Requests for reasonable accommodations for disabilities related to employment should be directed to ADAFacultyStaff@MiamiOH.edu or 513-529-3560. Annual Security and Fire Safety Report may be found at: http://www.MiamiOH.edu/campus-safety/annual-report/index.html. Criminal background check required. All campuses are smoke- and tobacco free.
Professional Opportunities

Department of Computer Science Tenure-Track Assistant Professor

We are open to all research areas in computer science and computing-related disciplines, including cybersecurity, artificial intelligence/machine learning, systems, and software engineering. Successful candidates will demonstrate a passion for their research, an enthusiasm for undergraduate and graduate education, and a strong commitment to cultivating diverse and inclusive environments.

https://www.employment.mtu.edu/cw/en-us/job/493057

Department of Computer Science Instructional Track Faculty

An applicant for a teaching assistant professor, teaching associate professor or teaching professor must have earned an MS or PhD degree in Computer Science or closely related area from an accredited institution. An applicant for a professor of practice must have a minimum of a B.S. degree with significant software engineering or computer science related industrial experience. The department places a strong emphasis on balancing effective teaching with cutting-edge research, outreach, and service. Candidates are expected to demonstrate potential for excellence in teaching and the ability to contribute to the departmental service needs. A typical load is three courses per semester, along with departmental committee or other service responsibilities. Salary is negotiable depending upon qualifications. https://www.employment.mtu.edu/cw/en-us/job/492975/

Michigan Tech is an internationally renowned doctoral research university with 7,000 students and 400 faculty located in Houghton, Michigan, in the scenic Upper Peninsula’s Anishinaabe/Ojibwe lands on the south shore of Lake Superior. The area provides a unique setting where natural beauty, culture, education, and an increasingly diverse community around the world come together to share superb living and learning experiences. Our university attracts world-class faculty who enrich the educational experience of smart, motivated, and adventurous students. Michigan Tech is nationally ranked among the best universities for job placement, return on investment, and safety.

http://www.employment.mtu.edu/cw/en-us/job/493042

Middle Tennessee State University

Tenure Track Assistant/Associate Professor

The Department of Computer Science, Middle Tennessee State University (http://www.mtsu.edu/csc/) invites applications for two assistant/associate professor tenure-track positions beginning August 1, 2023. Applications for these positions must be submitted at https://careers.mtsu.edu/en-us/job/497126/computer-science-tenuretrack-faculty.

Applications for these positions must hold a doctorate degree in computer science or a closely related field by the appointment date. This position requires a commitment to excellence in both teaching and research. The successful applicant must be willing to teach both undergraduate and graduate courses and engage students (including undergraduates) in research.

Applicants are invited from all areas of computer science, but applicants with contributing to an equitable and inclusive learning environment for all are strongly encouraged to apply (see https://www.mtu.edu/diversity-inclusion/ for more information on Michigan Tech’s commitment to diversity and inclusion, and our strategic planning framework).

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.
Missouri University of Science and Technology

Assistant/Associate Teaching Professor in Computer Science

The Department of Computer Science at Missouri University of Science and Technology (Missouri S&T) in Rolla, Missouri, is seeking outstanding applicants for an assistant/associate teaching professor position with a start date of Spring 2023 (preferred) or Fall 2023. Applicants must hold a Ph.D. degree in Computer Science or a closely related field by the appointment start date. Preference will be given to candidates with an excellent track record of high-quality teaching. More information about desired qualifications, required application documents, Computer Science Department and Missouri S&T can be found at: https://cs.mst.edu/.

Submit materials to Missouri S&T’s Human Resources Office at: https://hr.mst.edu/careers/academic-employment/ using Job Id: 43811. Applications will be reviewed as they are received.

For early action, applicants must apply by October 31st, 2022, but the review of applications will continue until the positions are filled.

For more information, please contact the Search Committee Chair, Dr. Sanjay Madria, at: madrias@mst.edu.

Missouri University of Science and Technology

Multiple Assistant/Associate Professor Positions in Computer Science

The Department of Computer Science at the Missouri University of Science and Technology (Missouri S&T) in Rolla, Missouri, is seeking outstanding applicants for multiple open-rank tenure-track/tenured faculty positions, in all areas of Computer Science. Preference will be given to applicants who can contribute to the department’s areas of strength such as: cyber-physical systems, cybersecurity, data science, machine learning, IoT, artificial intelligence and quantum computing. More information about desired qualifications, required application documents, Computer Science Department and Missouri S&T can be found at: https://cs.mst.edu/.

Submit materials to Missouri S&T’s Human Resources Office at: https://hr.mst.edu/careers/academic-employment/ using Job Id: 43811. Applications will be reviewed as they are received.

For early action, applicants must apply by October 31st, 2022, but the review of applications will continue until the positions are filled.

For more information, please contact the Search Committee Chair, Dr. Ricardo Morales, at: ricardom@mst.edu.
Professional Opportunities

Missouri University of Science and Technology

Cynthia Tang Missouri Distinguished Professor in Cybersecurity

The Computer Science Department at the Missouri University of Science and Technology invites nominations and applications for the Cynthia Tang Missouri Distinguished Professor in Cybersecurity. The position is tenured at the Full or Associate Professor rank. The endowment provides unrestricted research funds. More information about desired qualifications, required application documents, the Computer Science Department, and Missouri S&T can be found at: https://cs.mst.edu.

Submit materials to Missouri S&T’s Human Resources Office at: https://hr.mst.edu/careers/academic-employment/ using Reference Number 00076912.

Applications will be reviewed as they are received. For early action, applicants should apply by October 31st, 2022, but the review of applications will continue until the position is filled. For more information, please contact the Search Committee Chair, Dr. Mehdi Ferdowsi at Ferdowsi@mst.edu.

MIT Media Lab

Assistant Professor/Associate without Tenure (tenure-track) faculty search: Artificial Intelligence (AI) and Human Experience

The Program in Media Arts and Sciences (MAS) and the MIT Schwarzman College of Computing (SCC) at the Massachusetts Institute of Technology (MIT) Cambridge, Massachusetts invite applications for a faculty position in the area of “Artificial Intelligence (AI) and Human Experience.” We welcome outstanding applicants with research and teaching interests who have demonstrated innovation in AI algorithm and tool development together with excellence in evaluating and shaping human experience using AI systems. Human experience research is expected to include the objective measurement of social-emotional data during human-computer interaction, the design and evaluation of AI algorithms that adapt to individuals for improving both human experience and performance of the AI methods, as well as addressing of related ethics and alignment aspects. MAS and SCC believe the intellectual, cultural and social diversity of our faculty, staff, and students is vitally important to the distinction and excellence of our academic and research programs. We seek candidates who support our institutional commitment to ensuring that MIT is inclusive, equitable, and diverse.

The successful candidate will have a shared appointment in both MAS and also SCC, in either the Department of Electrical Engineering and Computer Science (EECS) or the Institute for Data, Systems, and Society (IDSS). Faculty duties will include classroom teaching in topics related to AI and Human Experience, conducting original scholarly research, supervising and mentoring students, and playing an active role in shaping the academic work and cultures of both the MAS and SCC research communities. Candidates
are expected to teach in both MAS and SCC-relevant curricula, which include both graduate and undergraduate classes.

The appointment will be at the assistant or untenured associate professor level.

Candidates should have a strong record of research, a willingness to take risks, a desire to look beyond traditional disciplines, and a dedication to making a difference in the world. Applicants should hold a doctoral degree in media arts and sciences, computer science, electrical engineering, a field related to AI and the Human Experience or a related field by the start of employment, and should have a track record of authoring or co-authoring peer-reviewed publications in AI and human experience at the time of application.

To apply, please fill out the application at [https://apply.interfolio.com/113820](https://apply.interfolio.com/113820). Applications must include a cover letter, curriculum vitae, a research statement (2-4 pages) and a teaching statement (1-2 pages). In addition, candidates should provide a statement regarding their views on diversity, inclusion, and belonging, including past and current contributions as well as their vision and plans for the future in these areas. Each application should include the names and addresses of three or more individuals who will provide letters of recommendation. Letter writers should submit their letters directly to MIT, preferably via the application website or by mailing to the address below. Complete applications should be received by November 15, 2022. Applications will be considered complete only when both the applicant materials and at least three letters of recommendation are received.

It is the responsibility of the candidate to arrange reference letters to be uploaded to Interfolio by November 15, 2022.

**Send all materials not submitted on the website to:**
Program in Media Arts and Sciences Search Committee, Massachusetts Institute of Technology
c/o search@media.mit.edu

Review of applications will begin immediately.

MIT is an equal employment opportunity employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin. MIT’s full policy on Nondiscrimination can be found here.

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**MIT Sloan School of Management**

**Assistant, Associate, OR Full Professor**

The MIT Sloan School of Management invites applications for open rank faculty positions in the Information Technologies (IT) Group, beginning July 1, 2023 or as soon thereafter as possible. Duties include teaching undergraduate and graduate level courses and research in IT or related disciplines. Applicants should possess a PhD in Information Systems, Computer Science, Machine Learning and Statistics, Electrical Engineering, Economics, Management Sciences, Social and Behavioral Sciences, or other relevant fields by start of employment.

The IT Group is actively soliciting women and minority candidates, though all qualified applicants will be considered for this position. The IT Group welcomes applicants from a variety of technical, social, economic, and other backgrounds relevant to IT and is particularly interested, this year, in candidates with a strong technical background in fields such as artificial intelligence, machine learning, and other areas of computer science.

Applications must include a cover letter, up-to-date curriculum vitae; a brief statement of objectives and aspirations in research and education; and information about teaching experience, if applicable. Applicants applying at the level of Assistant Professor should supply three recommendation letters. Applicants at the rank of Associate Professor or higher will not need recommendation letters at this stage in the application process.

Please submit your application at: [https://apply.interfolio.com/115585](https://apply.interfolio.com/115585) by December 15, 2022.

MIT is an equal opportunity employer committed to building a culturally diverse intellectual community and strongly encourages applications from women and minorities.

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**National Science Foundation**

**Program Directors at NSF CISE/CCF (Computing and Communication Foundations)**

The Computing and Communications Foundations (CCF) Division of the Computer and Information Science and Engineering (CISE) Directorate at
the National Science Foundation (NSF) announces a nationwide search to fill multiple Program Director rotator positions in the following programs: Algorithmic Foundations, Communication and Information Foundations, Foundations of Emerging Technologies, and Software and Hardware Foundations.

We particularly encourage applications in the areas of Software Engineering, Quantum Computing, and Algorithmic Foundations.


Questions and inquiries can be sent to ccf-ipa-recruitment@nsf.gov.

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**Nazareth College**

Director ~ Institute for Technology, Artificial Intelligence, and Society (ITAS)

Nazareth College of Rochester invites leaders with technology sector experience to join the Institute for Technology, Artificial Intelligence, and Society (ITAS). We seek a director to help chart this exciting path forward. This is a tenure-eligible position open to applicants from any applicable academic discipline and of any rank.

For more information and to apply, please go to [https://jobs.naz.edu/postings/3047](https://jobs.naz.edu/postings/3047).

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**Tenure Track Faculty in Computer Science**

The Computer Science Department at the New Jersey Institute of Technology (NJIT) invites applications for tenure-track faculty positions starting in Fall 2023. We seek applicants whose research focuses on cybersecurity, as well as applicants in other areas of computer science. We aim to hire at the rank of Assistant Professor, but exceptional candidates at higher ranks will also be considered. Candidates with doctorates from top worldwide institutions are especially welcome to apply.

NJIT is a Carnegie R1 Doctoral University (Very High Research Activity), with $166M research expenditures in FY21. The Computer Science Department has 31 tenured/tenure track faculty, with eight NSF CAREER awardees and one DARPA Young Investigator recipient. The Computer Science Department enrolls over 2,400 students at all levels across eleven programs of study and takes part, alongside the Departments of Informatics and Data Science, in the Ying Wu College of Computing (YWCC). YWCC comprises an enrollment of more than 4,000 students in computing disciplines, and graduates ~1,000 computing professionals every year; as such, it is the largest producer of computing talent in the tri-state (NY, NJ, CT) area.

To formally apply for the position, please submit your application at: [https://apptrkr.com/3518578](https://apptrkr.com/3518578)

NJIT recognizes the importance of Diversity, Equity, and Inclusion (DEI) in academia and society at large. Candidates who have a track record in DEI are requested to also submit an optional Diversity Statement.

Applications received by December 31, 2022 will receive full consideration. However, applications are reviewed until all the positions are filled. Contact address for inquiries: cs-faculty-search@njit.edu

As an EEO employer NJIT is committed to building a diverse and inclusive teaching, research, and working environment and strongly encourages applications from individuals with disabilities, minorities, veterans, and women. Diversity is a core value of NJIT, and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff, and students. Building a robust and diverse community is critical to NJIT’s continuing status as a premier institution of higher education and a leading polytechnic university.
Professional Opportunities

New Mexico State University

Tenure-Track Assistant Professor

Assistant Professor (Cybersecurity) Req - Req 2200183F, Pos 197480
Assistant Professor (Machine Learning) - Req 2200178F, Pos 197452

The Computer Science Department at New Mexico State University, a Hispanic-serving institution, invites applications for two tenure-track positions at the Assistant Professor level, with appointment starting August, 2023.

We are seeking strong candidates with research expertise in Cybersecurity/Machine Learning (Data Science) that can effectively complement the research foci of the department, especially in artificial intelligence and data analytics. An earned Ph.D. in Computer Science or a closely related field (e.g., Cybersecurity, Data Science, Machine Learning, AI) is required at the time of appointment.

Candidates with focus in Cybersecurity/Data Science are strongly encouraged to apply. Exceptional candidates with demonstrated success in other areas of computer science will also be considered. Applications from women, members of traditionally under-represented groups, and individuals interested in contributing to the diversity and excellence of the academic community are strongly encouraged.

Director of NJIT’s Institute for Cybersecurity

The Ying Wu College of Computing (YWCC) at the New Jersey Institute of Technology (NJIT) invites applications for a senior faculty member to serve as the Director of the Institute for Cybersecurity.

Candidates must have a PhD in computer science or a related discipline with a demonstrated track record of scholarly accomplishments commensurate with the appointment at the rank of Associate Professor or above. Candidates with doctorates from top worldwide institutions are especially welcome to apply.

The successful candidate will hold a faculty appointment in the department of Computer Science and is expected to lead the creation of the Institute for Cybersecurity, which builds on top of existing research and educational strengths in cybersecurity and will span multiple departments across NJIT. As the Director of the Institute for Cybersecurity, the candidate must attract funding and develop collaborative relationships with industry.

NJIT is a Carnegie R1 Doctoral University (Very High Research Activity), with $166M research expenditures in FY21. The Computer Science Department has 31 tenured/tenure track faculty, with eight NSF CAREER awardees and one DARPA Young Investigator recipient. The department has strong connections with local industry and works closely with many companies through industry affiliate programs; these include major high-tech companies (Amazon, Apple, Facebook, Google, Microsoft) as well as financial/Wall Street companies (Bank of America, JP Morgan Chase) and Pharmaceuticals (Johnson & Johnson, Merck).

To formally apply for the position, please submit your application at: https://apptrkr.com/3540211

NJIT recognizes the importance of Diversity, Equity, and Inclusion (DEI) in academia and society at large. Candidates who have a track record in DEI are requested to also submit an optional Diversity Statement. Applications received by December 31, 2022 will receive full consideration. However, applications are welcome until the positions are filled, and will be evaluated as they are received. Contact address for inquiries: cs-faculty-search@njit.edu.

As an EEO employer, NJIT is committed to building a diverse and inclusive teaching, research, and working environment and strongly encourages applications from individuals with disabilities, minorities, veterans, and women. Diversity is a core value of NJIT, and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff, and students. Building a robust and diverse community is critical to NJIT’s continuing status as a premier institution of higher education and a leading polytechnic university.
encouraged. Salary and start-up package will be competitive.

Application materials must be submitted online by October 30, 2022. A completed application will include the following documents: a letter of interest, a CV, transcripts, a statement of teaching philosophy, a statement of research philosophy and at least 3 letters of recommendation submitted by the reference writer.

To obtain more information about the positions and to apply, visit URL https://jobs.nmsu.edu/postings/47737 for the Cybersecurity position and https://jobs.nmsu.edu/postings/47846 for the Machine Learning (Data Science) position.

New Mexico State University is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer

New Mexico State University
Tenure-Track Assistant Professor

Position Number: I97478

Req Number: 2200189F

NMSU Joblink: https://jobs.nmsu.edu/postings/48008

EEO/IOE Statement: NMSU is an equal opportunity and affirmative action employer committed to assembling a diverse, broadly trained faculty and staff. Women, minorities, people with disabilities, and veterans are strongly encouraged to apply.

New Mexico State University (NMSU), as a Hispanic Serving, Minority Serving, land grant and space grant institution, is committed to elevating research that engages with the assets and innovations that NMSU students bring to the university and addresses local and global challenges, including diversifying and strengthening the STEM workforce through the success of a diverse and student population.

The Computer Science Department at NMSU invites applications for a tenure-track position at the Assistant Professor level. We are seeking strong candidates with research expertise in CS Education that can effectively complement the research foci of the department, especially in artificial intelligence and data science. An earned Ph.D. in Computer Science or a closely related field (e.g., Education, Information Science, Human-Computer Interaction) is required at the time of appointment. Candidates with focus in CS Education are strongly encouraged to apply. Exceptional candidates with demonstrated success in other areas of computer science will also be considered.

This hire is one of five tenure-track positions in the general area of STEM/STEM+ education research. Applicants for the position within the Computer Science Department are encouraged to consider applying to multiple positions within the cluster hire. The resulting cohort of five tenure-track faculty will build on and expand our existing strengths in the area of STEM education research. This effort is part of a concerted effort aimed at establishing a core research group, spanning multiple colleges, to advance knowledge and the state of the art in STEM training and education, from K to postgraduate. Our goal is to advance foundational knowledge and its translation to effective practices to promote equitable success in STEM, especially for students who are from historically underrepresented groups in STEM.

In addition to this posting, NMSU is seeking

- One faculty member with advanced training in Mathematics and expertise in Mathematics education research and/or broadening participation in mathematics at the college and graduate levels
- Three faculty members with specific background and expertise in K-12 STEM and STEM+ education and teacher preparation research, with a particular emphasis on equity, inclusion and diversity.

We are seeking individuals who are both (i) innovative STEM researchers who will contribute to enhancing NMSU’s research profile and (ii) effective STEM educators, who will work to enhance the success of all students through equitable and inclusive practices.

The new faculty members are expected to join an existing group of STEM education researchers and develop vigorous, high-impact, externally funded research programs, work closely with other members of the cohort hire and existing faculty specializing in related areas; test, deploy and impart their expertise and practices to relevant NMSU departments and collaborating school districts and communities; effectively mentor undergraduate students, graduate students and postdoctoral researchers;
effectively support NMSU’s teaching mission at the undergraduate and graduate levels; adopt practices that support NMSU’s mission as a Hispanic Serving and Minority Serving institution and as the land grant university of New Mexico; and contribute to an equitable, inclusive, and diverse STEM learning environment within NMSU, the local communities, and the state. Specific teaching assignments will be negotiated by the hiring departments.

The deadline for ensuring full consideration is November 15, 2022.

Please submit your application at the NMSU Joblink: https://jobs.nmsu.edu/postings/48008.

Qualifications:

Required qualifications
• A Ph.D. in Computer Science or related discipline for the Computer Science position
• The Ph.D. should be completed by Spring 2024
• Active research agenda in STEM education research and/or broadening participation in STEM disciplines

Preferred qualifications
• Experience working with groups which are underrepresented in STEM and knowledge about challenges in broadening participation in STEM
• A demonstrated commitment to student success
• Experience with grant writing
• Understanding of the mission of a land grant, Minority Serving and Hispanic Serving institution

Application Materials:
The following materials are required for the application:
• A cover letter; the letter should, among the other things, indicate the specific cluster area(s) of interest (Computer Science, Mathematics, …)
• A complete Curriculum Vitae
• Contact information for three references
• A Statement of Teaching Philosophy
• A Statement of Contributions to Equity, Inclusion and Diversity
• A statement of Research Interests

North Carolina State University
Department of Computer Science
Assistant/Associate/Full Teaching Professor

The Computer Science Department at North Carolina State University (NC State) invites applications from outstanding educators for multiple Assistant/Associate/Full Teaching Professor positions starting August 16, 2023. Candidates must have a Ph.D. in Computer Science or a related area along with appropriate experience by their start date. A successful candidate should provide evidence of excellence in teaching at the university level, leadership in curricular innovation, and interest in CS educational scholarship. While we are considering candidates with specializations in all areas of computer science; those with backgrounds in security, systems, and/or software engineering are especially encouraged to apply. Inclusiveness and diversity are integral to NC State’s commitment to excellence in research, engagement, and education. We are particularly interested in candidates who have demonstrated experience engaging with diversity through activities such as fostering an inclusive environment, working with students from diverse backgrounds, or incorporating diverse perspectives in teaching and/or CS educational scholarship.

Primary responsibilities will include teaching core Computer Science courses both at the undergraduate and graduate levels, with an initial focus on undergraduate core courses. Teaching faculty help maintain consistency and quality of program learning outcomes through curricular innovation, especially at scale. Oversight of Teaching Assistants is expected.

Opportunities are available to teach specialized elective courses and mentor researchers at the undergraduate and graduate levels. A successful candidate must be student-centered and interact with the regional and national community. Candidates will be expected to contribute to departmental efforts in service. Although teaching is the primary responsibility of this position, participation in high-quality research activities centered on teaching, learning, diversity, and/or Computer Science related pedagogy is welcome and supported. Candidates may have the opportunity
Professional Opportunities

The Department of Computer Science at North Carolina State University (NCSU) is expanding. The Department is seeking faculty at all ranks to fill multiple tenured/tenure-track faculty positions with an expected (but flexible) start date of August 16, 2023. The Department welcomes applications in all areas of Computer Science, but we are particularly interested in candidates whose primary research

opportunities, all within proximity to the mountains and the coast.

Applications will be reviewed as they are received. The positions will remain open until suitable candidates are identified. Applicants are encouraged to apply by October 14, 2022 for full consideration for an August 2023 start. Salary will be commensurate with qualifications.

Applicants should submit the following online at https://jobs.ncsu.edu/ (reference position number - 00109159): cover letter; curriculum vita; statement of teaching philosophy, which could include a statement of educational scholarship; a diversity statement; and names and complete contact information of four references, including email addresses and phone numbers. Candidates can obtain information about the department, curriculum, and its research programs, as well as more detail about the position advertised at http://www.csc.ncsu.edu/. Inquiries may be sent via email to: csc-teaching-fac-search@lists.ncsu.edu.

NC State University is an equal opportunity and affirmative action employer. We are widely recognized as a highly diverse department, having the most female tenured and tenure-track faculty of any computer science department in the country. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. If you have general questions about the application process, you may contact Human Resources at 919.515.2135 or workatncstate@ncsu.edu (email address opens in a new window).

Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If the highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org or equivalent service. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

North Carolina State University
Department of Computer Science

Tenured/ Tenure-Track Faculty Positions

The Department of Computer Science at North Carolina State University (NCSU) is expanding. The Department is seeking faculty at all ranks to fill multiple tenured/tenure-track faculty positions with an expected (but flexible) start date of August 16, 2023. The Department welcomes applications in all areas of Computer Science, but we are particularly interested in candidates whose primary research

Teaching-track faculty are full members of the Department and have a promotion path from Assistant Teaching Professor to Associate Teaching Professor and Full Teaching Professor. Teaching-track faculty are highly valued colleagues and contribute to the Department through activities like coordination of courses, participation in the Strategic Planning Committee, ABET accreditation, and other departmental leadership. The Department supports the engagement of teaching-track faculty with the larger community. As professional faculty, teaching-track faculty are not eligible for consideration or conferral of permanent tenure.

The Department of Computer Science and NC State is one of the oldest and largest CS departments in the country. It is part of the university’s College of Engineering. NC State is located in Raleigh, the capital of North Carolina. Raleigh forms one corner of the world-famous Research Triangle, which includes Research Triangle Park (RTP). RTP is a hub of innovation, both as a metropolitan area with a world-class industrial base, and as a center of excellence in the technology and academic arenas. The University of North Carolina at Chapel Hill and Duke University form the second and third corners of the Triangle. Raleigh and its surrounding areas are routinely recognized as one of the best places to live in the United States. We enjoy outstanding public education, affordable cost of living, and a wide variety of entertainment opportunities, all within proximity to the mountains and the coast.

Applications will be reviewed as they are received. The positions will remain open until suitable candidates are identified. Applicants are encouraged to apply by October 14, 2022 for full consideration for an August 2023 start. Salary will be commensurate with qualifications.

Applicants should submit the following online at https://jobs.ncsu.edu/ (reference position number - 00109159): cover letter; curriculum vita; statement of teaching philosophy, which could include a statement of educational scholarship; a diversity statement; and names and complete contact information of four references, including email addresses and phone numbers. Candidates can obtain information about the department, curriculum, and its research programs, as well as more detail about the position advertised at http://www.csc.ncsu.edu/. Inquiries may be sent via email to: csc-teaching-fac-search@lists.ncsu.edu.

NC State University is an equal opportunity and affirmative action employer. We are widely recognized as a highly diverse department, having the most female tenured and tenure-track faculty of any computer science department in the country. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. If you have general questions about the application process, you may contact Human Resources at 919.515.2135 or workatncstate@ncsu.edu (email address opens in a new window).

Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If the highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org or equivalent service. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.
areas include (1) Artificial Intelligence and Advanced Technology for the Digital Transformation of Education; (2) Cyber-Physical Systems; (3) Cybersecurity; (4) Software Engineering; and (5) Theoretical Computer Science.

Successful candidates must have a strong commitment to academic and research excellence, and an outstanding research record commensurate with the expectations of a major research university. Required credentials include a doctorate in Computer Science or a related field.

The Department, part of NC State’s College of Engineering, is one of the largest and oldest in the country. The department’s research expenditures and recognition have been growing steadily. For example, we have one of the largest concentrations in the country of prestigious NSF Early Career Award winners (30 of our current or former faculty have received one). Further, we are widely recognized as a highly diverse department, having one of the highest numbers of female tenure track faculty in a computer science department in the country.

NC State is located in Raleigh, the capital of North Carolina, which forms one vertex of the world famous Research Triangle Park (RTP). RTP is an innovative environment, both as a metropolitan area with one of the most diverse industrial bases in the world, and as a center of excellence promoting technology and science. The Research Triangle area is routinely recognized in nationwide surveys as one of the best places to live in the U.S. We enjoy outstanding public schools, affordable housing, farmer’s markets and festivals, and great weather— all in proximity to the mountains and the seashore.

Applications will be reviewed as they are received, with reviews beginning 15 days after this advertisement is posted and continuing as long as the positions are open. The positions will remain open until suitable candidates have been identified.

Applicants should submit the following materials online at https://jobs.ncsu.edu/ (reference position number - 00001075) cover letter; curriculum vitae; research statement; teaching statement; diversity, equity, and inclusion statement; and names, affiliations, and professional email addresses of at least three references.

Candidates can obtain information about the department and its research programs, as well as more detail about the positions advertised here at https://www.csc.ncsu.edu/employment/. Inquiries may be sent via email to: csc-tt-facsearch@lists.ncsu.edu.

The Department of Computer Science and NC State have a documented history of success in accommodating the needs of dual-career couples.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability related accommodations in the application and interview process, please call 919-515-3148.

Final candidates are subject to background checks. If their highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org. Degree must be obtained prior to the start date. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

Northeastern University

Assistant Professor – Khoury College of Computer Sciences

The Khoury College of Computer Sciences at Northeastern University invites applications for multiple tenure-track faculty positions at the rank of Assistant Professor, beginning 2024-25 or 2025-26. The College is seeking to give excellent candidates across all demographics of society the opportunity, resources, and support to establish innovative and impactful research careers. These positions are for candidates at the earliest stages of their careers and provide an option of a 1- to 2-year Khoury Research Fellow position, to allow candidates to ramp up their research programs before starting on the tenure track. We welcome candidates in all areas of computing.

The tenure home will reside in the Khoury College of Computer Sciences, with a potential joint appointment with another Northeastern college, to be determined.
Professional Opportunities

Northeastern University
Associate/Full Professor - Khoury College of Computer Sciences

The Khoury College of Computer Sciences at Northeastern University has multiple tenure-track/tenured faculty positions at the rank of Associate Professor or Full Professor, beginning 2023-24. Applications will also be considered for the 2024-25 academic year. We welcome exceptional candidates in all areas of computing.

Candidates must have an excellent track record in research and an established history of grant support or industry research, with the potential for strong leadership in their research field. Research excellence is the top-most priority.

The tenure home will reside in the Khoury College of Computer Sciences, with a potential joint appointment with another Northeastern college, to be determined in consultation with the person filling the position. Northeastern University is a global university system. Positions will primarily be on the Boston campus but may be available at any of our 14 campus locations. In addition to Boston, Khoury College currently offers programs in Portland (ME), San Francisco, Seattle, Silicon Valley, and Vancouver, and is launching new programs in Arlington (VA) and Oakland in 2023.

Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Candidates must hold a PhD in Computer Science or a related field from an accredited institution by the appointment start date. They must be interested in conducting high-impact research and be committed to teaching excellence. We encourage applicants from a wide range of backgrounds, including academia and industry.

For more details and to apply, please visit
https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track/

For full consideration, application materials should be received by November 15, 2022. However, applications will be accepted until the search is completed.

Khoury College has a diverse tenured/tenure-track faculty of 87 and it offers a broad array of research and educational opportunities to students. Since 2012, the college has hired 147 outstanding tenured/tenure-track and full-time-non-tenure-track faculty members and plans to continue this strategic growth in the coming years. Faculty research spans all areas of computing and is interdisciplinary across seven of Northeastern’s colleges. 33 of the 87 tenured/tenure-track faculty have joint appointments with other academic departments, including Electrical and Computer Engineering, Art and Design, Health Sciences, Communication Sciences and Disorders, Physics, Political Science, Psychology, Philosophy and Religion, Business, Mathematics, and Law. Khoury faculty members are integral to Northeastern University’s multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the new Institute of Experiential Artificial Intelligence.

Khoury College is committed to broadening participation in CS to increase diversity of thought and demographics. For undergraduates, Khoury offers over 40 combined majors (CS+X) and has recently launched the Center for Inclusive Computing, which has the mission to broaden participation in undergraduate computing programs nationally. At the graduate level Khoury is now scaling its successful Align MS in CS program for people who did not study CS as an undergraduate. This includes building a consortium of universities in the U.S. to offer similar programs.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion. All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.
in Portland (ME), San Francisco, Seattle, Silicon Valley, and Vancouver, and is launching new programs in Arlington (VA) and Oakland in 2023.

Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Candidates must hold a PhD in Computer Science or a related field from an accredited institution by the appointment start date. They must be interested in conducting high-impact research and be committed to teaching excellence. We encourage applicants from a wide range of backgrounds, including academia and industry.

For more details and to apply, please visit https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track

For full consideration, application materials should be received by November 15, 2022. However, applications will be accepted until the search is completed.

Khoury College has a diverse tenured/tenure-track faculty of 87 and it offers a broad array of research and educational opportunities to students. Since 2012, the college has hired 147 outstanding tenured/tenure-track and full-time-non-tenure-track faculty members and plans to continue this strategic growth in the coming years. Faculty research spans all areas of computing and is interdisciplinary across seven of Northeastern’s colleges.

33 of the 87 tenured/tenure-track faculty have joint appointments with other academic departments, including Electrical and Computer Engineering, Art and Design, Health Sciences, Communication Sciences and Disorders, Physics, Political Science, Psychology, Philosophy and Religion, Business, Mathematics, and Law. Khoury faculty members are integral to Northeastern University’s multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the new Institute of Experiential Artificial Intelligence.

Khoury College is committed to broadening participation in CS to increase diversity of thought and demographics. For undergraduates, Khoury offers over 40 combined majors (CS+X) and has recently launched the Center for Inclusive Computing, which has the mission to broaden participation in undergraduate computing programs nationally. At the graduate level Khoury is now scaling its successful Align MS in CS program for people who did not study CS as an undergraduate. This includes building a consortium of universities in the U.S. to offer similar programs.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion. All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

Northeastern University

Open rank tenure-track faculty positions in cross-disciplinary themes

The Khoury College of Computer Sciences at Northeastern University has multiple faculty positions at all ranks (Assistant Professor, Associate Professor, Full Professor), beginning Fall 2023. We are especially interested in faculty whose expertise connects with broad multi-disciplinary themes, which are shared across Northeastern colleges and listed below.

Expertise in AI, ML, NLP, robotics, computer vision, resilient systems, security, cryptography, privacy and usable security, computer science education, game design and XR, HCI, data visualization, human-centered computing, social computing and assistive technology are specifically called out in the searches listed below.

- **Artificial Intelligence (AI) and Social Justice**, including the following areas: algorithmic justice; ethical and social implications of AI and HCI; social computing; societal and governance issues raised by AI, HCI, ML, robotics, or big data.

- **Extraordinary HCI and Inclusive Design**, including the following areas: HCI; robotics; human-robot interaction; computer vision; assistive technologies; data visualization; inclusive design; participatory and universal design; and human-centered computing.

- **Education Innovation and Extended Reality (XR)**, including the following
Professional Opportunities

Areas: Computer Science Education; AI and ML methods in education; HCI methods in education; technology-mediated personalized learning; game design and XR in education.

- **Health and Technology/Data**, including the following areas: digital health and sensing; wearable computing; HCI in health; AI, ML, and natural language processing methods in health; ubiquitous computing.

- **Technology, Digital Economies, and Privacy**, including the following areas: AI, ML, NLP, and computer vision; security; cryptography; privacy (especially differential privacy); usable security; human-centered computing; and digital systems resilience.

Candidates with expertise in other core areas of Computer Science including databases, programming languages, systems, software engineering, networking, and theory, whose work aligns with any of the above themes, are also strongly encouraged to apply.

The tenure home will reside in the Khoury College of Computer Sciences, with a potential joint appointment with another Northeastern college, to be determined in consultation with the person filling the position. Northeastern University is a global university system. Positions will primarily be on the Boston campus but may be available at any of our 14 campus locations. In addition to Boston, Khoury College currently offers programs in Portland (ME), San Francisco, Seattle, Silicon Valley, and Vancouver, and is launching new programs in Arlington (VA) and Oakland in 2023.

Faculty members at Northeastern are expected to develop independent research programs that attract external funding; teach courses at the graduate and undergraduate level; supervise students and postdocs in their area of research; and participate in service to the department, university, and discipline. Candidates must hold a PhD in Computer Science or a related field from an accredited institution by the appointment start date. They must be interested in conducting high-impact research and be committed to teaching excellence. We encourage applicants from a wide range of backgrounds, including academia and industry.

For more details and to apply, please visit [https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track/](https://khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/tenure-track/)

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Khoury faculty members are integral to Northeastern University’s multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the new Institute of Experiential Artificial Intelligence.

Khoury College is committed to broadening participation in CS to increase diversity of thought and demographics. For undergraduates, Khoury offers over 40 combined majors (CS+X) and has recently launched the Center for Inclusive Computing, which has the mission to broaden participation in undergraduate computing programs nationally. At the graduate level Khoury is now scaling its successful Align MS in CS program for people who did not study CS as an undergraduate. This includes building a consortium of universities in the U.S. to offer similar programs.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion. All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.
Northwestern University

Computer Science Faculty of Instruction/Lecturers

Northwestern University Computer Science seeks outstanding candidates for non-tenure-track teaching faculty and Lecturers in all areas of Computer Science. Northwestern CS is a dynamic and growing academic community with students at the undergraduate, masters, and doctoral level. The successful applicant will be an extraordinary teacher and mentor, combining deep knowledge of Computer Science with a passion to convey that knowledge to a broad variety of students. They will go well beyond delivering entry-level service courses to create learning experiences that motivate students to enroll, to work, to learn, and to find new applications of CS that shape their careers and the world beyond. This is a multi-year, renewable position. Our goal is to help new faculty to build lasting and meaningful careers within a supportive community that values teaching and learning.

To be eligible for the faculty of instruction positions, applicants should have earned a Ph.D. in Computer Science or a closely related field. Candidates will be considered at the Assistant, Associate, or Full level depending on experience. For the Lecturer position, a Masters in Computer Science and a strong, demonstrable track record of Computer Science teaching is required. Faculty of Instruction typically teach two courses per term and are involved in advising students and in departmental curriculum development.

Applicants should submit:
1. A cover letter indicating the rank applied for
2. A curriculum vitae
3. Three to five letters of reference which can speak to the applicant’s teaching abilities
4. A statement of teaching philosophy
5. An optional diversity statement that addresses how the candidate contributes to inclusive, accessible, and equitable educational environments.
6. Recent teaching evaluations (if available)
7. A teaching demonstration video (if available)

We encourage candidates to send applications as soon as possible. Applications received by December 1, 2022 will be given full consideration. However, the positions will remain open until filled. Applications received after that date will be considered on a rolling basis.

Apply Now

Candidates may also be considered for an Assistant Chair position. The Assistant Chair will serve as a member of our non-tenure track teaching faculty and will typically teach one course per quarter. They will support the smooth running of the department including supporting the undergraduate and graduate programs (course scheduling, course staffing, facilitating promotion and tenure review), interacting with students (advising, recruiting, career development, and of course teaching), curriculum development, and developing corporate relationships. Applicants may indicate their interest in the Assistant Chair position in their cover letter and why they are a good fit for it. For this role someone with prior academic experience is essential.

Northwestern is a leading R1 university comprising a number of highly ranking schools that provide extraordinary opportunities for collaboration across a wide range of disciplines. The Computer Science department is leading an ambitious initiative to grow and transform Computer Science (CS) education and research. The department is in the midst of adding twenty new tenure-track faculty in core Computer Science and collaboratively with other disciplines (CS + X). Northwestern has a very active and supportive community of 10 Computer Science Faculty of Instruction. We have a strong culture of mentorship and collaboration within the group, and fully participate in and are well respected members of the department. We continue to invest in new courses, non-major pathways, and new joint degrees to broaden the reach and quality of computing education. We seek outstanding candidates who are excited by the opportunity to help build the future of CS at a world-class university. Located in beautiful Evanston, on the shores of lake Michigan, just outside the diverse and culturally vibrant city of Chicago. Northwestern faculty have ample opportunities to connect with the city’s growing technology sector.
Professional Opportunities

Northwestern University

Instructional Faculty Position in Data Science & Engineering

We invite applications from outstanding candidates for Assistant Professor of Instruction to support the growing program in Data Science & Engineering. This faculty position will be jointly appointed in the Department of Computer Science and the Department of Industrial Engineering & Management Sciences, and will begin September 2023. Applicants should hold an earned Ph.D. or be near completion of their doctoral studies in industrial engineering, operations research, computer science, statistics, or a closely related field. The successful applicant will have demonstrated teaching potential in statistics, operations research, computer science, data science, or closely related areas, and can combine strong and deep knowledge with a passion to convey that knowledge to a broad variety of Northwestern engineering students. The successful applicant will further create a learning environment that motivates students to enroll, to work, to learn, and to find new applications of data science and engineering that shape their careers and the world beyond. This is a multi-year, renewable position.

The Data Science & Engineering Minor is open to all undergraduate engineering majors at Northwestern and features an exclusive two-course data studio sequence to provide hands-on data pipeline experience to students in the minor. We particularly seek applicants who can contribute to our vision for excellence, growth and continued visibility for Data Science & Engineering at Northwestern. Faculty of Instruction typically teach two courses per term and are involved in advising students and curriculum development.

Submit applications electronically at mccormick.northwestern.edu/data-science-engineering/careers/. Candidates are asked to submit a cover letter and a curriculum vitae, a teaching statement, a diversity statement, and contact information for three references who can speak to the candidate’s teaching ability. The teaching statement should include a description of prior teaching experience and teaching philosophy. Candidates are also encouraged to supply recent teaching evaluations and a teaching demonstration video if available.

Applications received by December 1, 2022 will be given full consideration. To be considered for a meeting at INFORMS, please submit materials by October 1.

Northwestern University

Tenure-Track faculty in Computer Science, all levels

Northwestern University continues its ambitious initiative to grow and transform Computer Science (CS) [northwestern.edu/newscenter/stories/2016/06/major-expansion-in-computer-science.html]. The Computer Science department is in the midst of adding twenty new tenure-track faculty in core Computer Science and collaboratively with other disciplines (CS + X), as well as a number of non-tenure-track teaching faculty. We seek outstanding candidates who are excited by the opportunity to help build the future of CS at a world-class university. Northwestern is a leading R1 university comprising a number of highly ranking schools that provide extraordinary opportunities for collaboration across a wide range of disciplines. Located in beautiful Evanston, on the shores of lake Michigan, just outside the diverse and culturally vibrant city of Chicago, Northwestern faculty have ample opportunities to connect with the city’s growing technology sector.

We invite candidates to apply for new positions as Assistant, Associate and Full Professor of Computer Science. We are interested in applications from outstanding candidates in all areas of Computer Science. The department is especially interested in applicants with exceptional research track record in the following areas: quantum computing (particularly quantum computer systems and quantum algorithms), complexity theory, parallel systems (particularly as it intersects with architecture, programming languages, compilers, operating systems, and high performance computing), global-scale networked systems as critical infrastructure, and machine learning. Researchers that advance ML by grounding their work in problems that relate to any of the domains mentioned in this call are particularly encouraged to apply.

We also encourage applicants to CS + X faculty positions jointly with other schools or departments at Northwestern, for individuals
Professional Opportunities

and teams exploring new research boundaries in computation. In the last few years, we have hired jointly with Preventive Medicine, Statistics, Learning Sciences, Physical Medicine and Rehabilitation, Mechanical Engineering, Economics, Communication Studies, Journalism, and the Segal Design Institute, and we remain committed to interdisciplinary research leveraging Northwestern’s unique strengths and world-class schools in many areas. Priority in all areas will be given to applicants with path-breaking research interests that have the potential to transform both Computer Science and other disciplines.

We encourage candidates to send applications as soon as possible and might begin interviews before the deadline. Applications received by December 10, 2022 will be given full consideration. However, the positions will remain open until filled. Applications received after that date will be considered on a rolling basis.

Applicants should submit (1) a cover letter indicating the rank applied for, (2) a curriculum vitae, (3) three to five letters of reference, (4) a statement of research interests, (5) a statement of teaching philosophy, (6) an optional diversity statement that addresses how the candidate contributes to diverse excellence, and (7) two representative publications. Application instructions can be found at mccormick.northwestern.edu/computer-science/resources/careers-computer-science.html. For general questions about the search or application assistance post submission, contact faculty-search@cs.northwestern.edu.

Applications can be submitted online at facultyrecruiting.northwestern.edu/apply/MTYOMg==

NYU Tandon School of Engineering
Contract Faculty

The Department of Computer Science and Engineering at the NYU Tandon School of Engineering invites applications for two full time, non-tenured, renewable faculty positions in Computer Science, at the level of Industry Assistant Professor or Industry Associate Professor, with a start date of January 2, 2023 or September 1, 2023. The position’s primary role is teaching undergraduate and graduate Computer Science courses.

Apply Here: https://apply.interfolio.com/113394

We will review applications as they arrive and will continue until we fill the position. We encourage you to submit early. Should you have any questions please contact Jeff Epstein at jeff.epstein@nyu.edu.

Old Dominion University
Assistant Professor of Computer Science in Cybersecurity

The Department of Computer Science at Old Dominion University is seeking a full-time tenure-track faculty member with expertise in cybersecurity. We are especially interested in those who are interdisciplinary, applying cybersecurity to other application domains, and those who apply AI, machine learning, and deep learning techniques in cybersecurity. The appointment will be at the Assistant Professor rank with an anticipated start date of July 2023. At the time of appointment, the candidate must have a Ph.D. or equivalent in computer science or related discipline.

Requirements are the potential for success in teaching, research, and obtaining external research grants. Consideration will also be given to candidates demonstrating a potential for collaboration with the current Computer Science faculty or for inter-disciplinary collaboration with other researchers at ODU.

Ohio University
Tenure-track Faculty Positions in Electrical Engineering and Computer Science

The School of EECS within the Russ College of Engineering and Technology invites applications for tenured and tenure-track positions at all ranks of EE/CpE/CS. Candidates from all relevant research areas in EE and CS are welcome, with special consideration given to candidates with a record of high-quality research and scholarship in the EE focus areas of communication/information/coding theory, DSP; and CS focus areas of computer security, formal methods, ML/AI, or data analytics. Start date: Fall 2023.

For more information and to apply, please visit:
www.ohiouniversityjobs.com/postings/43714
www.ohiouniversityjobs.com/postings/43715
The Department of Computer Science currently has 20 tenured and tenure-track faculty, 11 teaching faculty, and several adjunct faculty. The CS faculty has research grant support from agencies such as NSF, NIH, NASA, NEH, the Mellon Foundation, DoD, and DoE. ODU Computer Science ranks in the top 25% in terms of R&D expenditures among Computer Science departments.

Current research areas span a wide range, with established strengths in high performance scientific computing, data science, bioinformatics, parallel mesh generation, real-time medical image computing, web science, mobile computing, cyber-physical systems, and large-scale video analytics (see http://cs.odu.edu/ for more information). A vibrant graduate program enrolls 235 graduate students (70 Ph.D. and 165 M.S.) and the undergraduate program has more than 800 majors. Excellent collaborative research opportunities are available at ODU’s School of Cybersecurity, and at nearby NASA Langley Research Center, DoE’s Thomas Jefferson National Accelerator Facility, National Institute of Aerospace, Eastern Virginia Medical School and Sentara Hospital with state-of-the-art operating room suite for image guided surgery, and the Virginia Modeling Analysis and Simulation Center.

Interested candidates should visit https://jobs.odu.edu/postings/17214 to submit a curriculum vitae, a statement of research activities and future research plans, a statement of teaching philosophy, unofficial graduate transcripts, and contact information for four references. For additional information regarding the position, please contact Dr. Desh Ranjan, Search Committee Chair. The review of applications will begin December 1, 2022 and continue until position is filled.

Olin College

Faculty position, all ranks, computing

Olin College seeks to hire faculty members at all ranks who can contribute to our new strategic plan that centers on Impact-centered Education and Engineering for Everyone.

Are you passionate about equity and access? Do you want to join us in reframing who can be engineers and what counts as engineering? Do you want to mentor students to better integrate engineering and other fields as they study and tackle complex technical systems and societal challenges? Come join our team. We are particularly interested in candidates with computing backgrounds who demonstrate a commitment to engaging students in real-world and transdisciplinary contexts and whose work is aligned with Olin’s strategic priorities. “Computing” includes traditional computing fields like computer science, computer engineering, software engineering, and data science but also may include the use of computational techniques in the natural sciences, social sciences, arts, or humanities. Olin is committed to becoming an increasingly inclusive and diverse learning community, and we strongly encourage women and individuals from historically underrepresented groups to apply. To apply, please visit https://www.olin.edu/join-faculty.

Ontario Tech University

Assistant Professor – Computer Science

The Faculty of Science at Ontario Tech University (in Oshawa, Ontario, Canada) invites applications for three tenure-track faculty positions in Computer Science at the rank of assistant professor, with a starting date of January 1, 2023 or July 1, 2023 (negotiable). Applications from exceptional candidates in all areas of Computer Science will receive full consideration. We especially encourage applications from women, Indigenous peoples and other underrepresented groups. Expertise in any of the following areas will be considered an asset: Computer Graphics and Digital Media, Human Computer Interaction (including immersive computing and VR research), Software Engineering, Machine Learning (especially with applications in Natural Language Processing), and Data Science. Candidates should have obtained or be near completion of a PhD in Computer Science or a related field. Ideal applicants will be able to exhibit a strong academic position, please contact Dr. Desh Ranjan, Search Committee Chair. The review of applications will begin December 1, 2022 and continue until position is filled.

An Olin-specific cover letter where you comment on how our new Strategic Plan resonates with you.

A current CV (or resume, or portfolio).

We plan to hold a number of virtual events in October at which you can connect with Olin faculty. To be notified of these events, please fill out this form.

First consideration will be given to applications received by 11/1, but applications will be considered until 12/15. For questions, contact faculty.search@olin.edu.
Professional Opportunities

November 2022

Professional Opportunities

• Associate Professorship (or Professorship) in Computer Science with Tutorial Fellowship at Hertford College. For this post, we are looking for outstanding candidates in Artificial Intelligence or Machine Learning.

• Associate Professorship (or Professorship) in Computer Science with Tutorial Fellowship at Magdalen College. For this post, we are looking for outstanding candidates in all areas of Computer Science. A specialisation in systems (to complement our existing research areas) is desirable (but is not essential).

• Associate Professorship (or Professorship) in Computer Science with Tutorial Fellowship at St Hilda’s College. For this post, we are looking for outstanding candidates in Quantum Computing.

For further information, see here: https://www.cs.ox.ac.uk/aboutus/vacancies/vacancy-faculty-hiring.html

The closing date for applications (for all four posts) is 12 noon on 14 December 2022.

Shortlisted candidates will give research talks online during the period 14-17 February 2023 and will give online teaching presentations during the period 21-24 February.

Interviews will be held in person, in Oxford, as follows:

• Magdalen College, 13 March
• Balliol College, 14 March
• St Hilda’s College, 15 March
• Hertford College, 16 March

August 2023. All areas of specialization will be considered. We seek candidates with a commitment to excellence in teaching as well as active engagement in scholarship with the potential to involve and inspire undergraduates.

Review of applications will begin on November 7, 2022 and will continue until the position is filled.

For more information about the position and to apply, visit https://apply.interfolio.com/114891

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Oxford University

Associate Professor or Professor of Computer Science

Oxford Computer Science Faculty Hiring

As part of the University of Oxford’s expansion in Computer Science, the Department of Computer Science is delighted to announce 4 faculty positions for recruitment in the 2022-2023 academic year (to start by September 2023).

All four positions are as Associate Professor or Professor of Computer Science and come with a Tutorial Fellowship in one of Oxford’s colleges. Candidates are encouraged to apply for multiple positions.

• Associate Professorship (or Professorship) in Computer Science with Tutorial Fellowship at Balliol College. For this post, we are looking for outstanding candidates in all areas of Computer Science. A specialisation in cryptography or programming languages is desirable (but is not essential).

Review of applications will begin on November 8, 2022 and will continue until a suitable candidate is found.

Ontario Tech University is an equal opportunity employer and welcomes applications from all qualified candidates, while especially encouraging applications from women, members of visible minorities, Indigenous peoples, persons with disabilities, and persons of any sexual orientation, gender identity, and gender expression. All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents and Indigenous Peoples in Canada will be given priority.

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Oxford College of Emory University

Assistant Professor, Computer Science, Tenure-Track

Oxford College of Emory University invites applications for a tenure-track position in Computer Science at the rank of Assistant Professor beginning in
Professional Opportunities

CIS Tenured or Tenure-Track Positions 2023

Location: Philadelphia, PA
Open Date: Oct 8, 2022
The University of Pennsylvania’s Department of Computer & Information Science is pleased to welcome applications for teaching faculty under the Practice Professor track. It is a very exciting time to be engaged in computer science education at Penn: we are experiencing incredible growth and interest in CIS courses at all levels, are developing new on-campus and online learning programs, and are rapidly growing the size of our faculty (23 hires in the last 5 years).

We are seeking dedicated, accomplished, full-time faculty to teach introductory-sequence courses, undergraduate electives, and Master’s-level courses in software engineering, data science, machine learning, artificial intelligence, cybersecurity, software systems, and other areas, starting in July 2023.

Application Instructions:
To ensure full consideration, applicants are encouraged to apply by November 15th, 2022. However, applications will be accepted until positions are filled. Please submit a cover letter, curriculum vitae, research statement, teaching statement, statement on inclusion and diversity, and three letters of reference. Other supporting documents are optional. Applications must be submitted http://apply.interfolio.com/115207. Other supporting documents are optional.

To apply, visit https://apptrkr.com/3545590

CIS Practice Assistant Professor 2023

Location: Philadelphia, PA
Open Date: Oct 8, 2022
The University of Pennsylvania’s Department of Computer & Information Science is pleased to welcome applications for teaching faculty under the Practice Professor track. It is a very exciting time to be engaged in computer science education at Penn: we are experiencing incredible growth and interest in CIS courses at all levels, are developing new on-campus and online learning programs, and are rapidly growing the size of our faculty (23 hires in the last 5 years).

We are seeking dedicated, accomplished, full-time faculty to teach introductory-sequence courses, undergraduate electives, and Master’s-level courses in software engineering, data science, machine learning, artificial intelligence, cybersecurity, software systems, and other areas, starting in July 2023.

Application Instructions:
To ensure full consideration, applicants are encouraged to apply by November 15th, 2022. However, applications will be accepted until positions are filled. Please submit a cover letter, curriculum vitae, research statement, teaching statement, statement on inclusion and diversity, and three letters of reference. Other supporting documents are optional. Applications must be submitted http://apply.interfolio.com/115207. Other supporting documents are optional.

To apply, visit https://apptrkr.com/3545571

CIS Lecturer Positions 2023

Location: Philadelphia, PA
Open Date: Oct 8, 2022
The University of Pennsylvania’s Department of Computer & Information Science is pleased to welcome applications for multiple teaching positions as a Lecturer or Senior Lecturer. It is a very exciting time to be engaged in computer science education at Penn, we are experiencing incredible growth and interest in CIS courses at all levels, are developing new on-campus and online learning programs, and are rapidly growing the size of our faculty (23 hires in the last 5 years).

We are seeking dedicated, accomplished, full-time instructors to teach introductory-sequence courses, undergraduate electives, and Master’s-level courses in software engineering, data science, machine learning, artificial intelligence, software systems, cybersecurity, and other areas, starting in July 2023.

Application Instructions:
To ensure full consideration, applicants are encouraged to apply by November 15th, 2022. However, applications will be accepted until positions are filled. Please submit a cover letter, curriculum vitae, research statement, teaching statement, statement on inclusion and diversity, and three letters of recommendation. Other supporting documents are optional. Applications must be submitted online http://apply.interfolio.com/115204.

To apply, visit https://apptrkr.com/3545522

Biomedical Engineering and Engineering Science and Mechanics Faculty for Data Sciences/Machine Learning Applied to Biological/Health Sciences

Position: The Departments of Engineering Science and Mechanics (ESM) and Biomedical Engineering (BME) at the University of Illinois at Urbana-Champaign is seeking applications for a faculty position at the Assistant, Associate, or Full Professor level, with expertise in data sciences/machine learning applied to biological/health sciences.

Application Instructions:
To apply, visit https://apptrkr.com/3549937

CAMPUS SECURITY CRIME STATISTICS:

For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to http://police.psu.edu/dvyr/

Apply online at: https://apptrkr.com/3549937

DEIB Expectations: Diversity, equity, inclusion and belonging (DEIB) are central to Penn State’s obligation and commitment as a public institution of higher education to provide effective teaching for all people in our communities. The successful candidate will have a demonstrated commitment to enhancing diversity and will be expected to support and enhance the efforts in ESM and BME in advancing the University’s DEIB efforts (https://strategicplan.psu.edu/plans/foundations/inc-l-equity-diversity).

Institutes and Centers: Cross-disciplinary and cross-departmental collaborations are encouraged at Penn State. This position is envisioned to synergize with research centers designed to foster such collaborations including those within the Institute for Computational and Data Sciences (icds.psu.edu, including CENS), Materials Research Institute (MRI.psu.edu), the Huck Institutes of the Life Sciences (huck.psu.edu, including C ogD, C MOST, Biometrics and Genomics), the College of Medicine, and the Center for NeuroEngineering (cne.psu.edu).

Penn State College of Engineering: Penn State’s College of Engineering is committed to creating a diverse and welcoming environment for students, faculty, and staff and is an Equal Opportunity, Affirmative Action employer. Penn State is committed to increasing diversity within the College of Engineering and the Penn State community at large.

Qualifications:
Demonstrated experience in the area of biomedical engineering, data sciences, and machine learning related to the discipline by the hire date; and a strong track record of accomplishments in research and teaching commensurate with rank of the candidate defined by PSU policy AC21 (https://psu.edu/administration/policies). Applicants at Associate Professor level should have established teaching and research capabilities and international recognition. Applicants at the full professor level should have substantial advanced research portfolio and will be expected to take leadership roles in research at the university. Nominations and applications will be screened immediately and considered until the position is filled.

Application Process:
Applicants should submit, in one PDF file: (1) a cover letter summarizing impact in advancing data sciences/machine learning methods, impact in a biological/health science, as well as synergy within the ESM and/or BME departments (2) curriculum vitae, (3) statements of demonstrated contributors and plans for (a) research, (b) teaching, and (c) diversity, equity, inclusion and belonging, (4) links to three relevant publications, and (5) names and addresses of four references; to RQD_0000036738.

Application review will begin immediately and will continue until the position is filled. The expected start date is August 15, 2023.

Inquiries:
Inquiries may be directed to either of the search co-chairs Dr. Bruce Gluckman or Dr. Justin Pritchard, ESM_BME_DataSciencesSearch@psu.edu.

Apply online at: https://apptrkr.com/3549937

CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to http://police.psu.edu/dvyr/,

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.
Princeton University

Assistant Professor of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering seeks applications for a tenure-track assistant professor faculty position. Candidates from all areas in electrical and computer engineering are encouraged to apply, including robotics and cyberphysical systems, application-driven/technology-driven computer systems design, computer architecture, security, data and information science, integrated circuits and systems, applied physics and quantum information, materials and devices, and photonics, with special interest in computer systems design (including application-driven and technology-driven computer systems design, possibly including but not limited to a focus on computer architecture) [and robotics and cyberphysical systems] being areas of particular interest. Candidates should have a commitment to teaching and a demonstrated ability to pursue a high impact research program. An appointment may be made jointly with another department or program.

A start date of September 1, 2023 is preferred.

The department is committed to fostering an academic environment that acknowledges and encourages diversity and differences. The successful candidate will show/demonstrate the potential to pursue academic excellence in diverse, multicultural, and inclusive settings.

Applicant review will begin in November.

For full consideration, please submit applications no later than December 31, 2022, using the following site: https://www.princeton.edu/acad-positions/position/26842. Applications require: a cover letter, complete curriculum vitae, descriptions of research and teaching interests, and the contact information for four references.

The selected candidate will be required to successfully complete a background check.

Princeton University

Assistant, associate, Full professor in quantum science and engineering

The School of Engineering and Applied Science seeks applications for an open rank search in quantum science and engineering. Successful candidates will be appointed to an appropriate department within SEAS. Candidates in all areas of quantum science and engineering are encouraged to apply, including quantum information theory, quantum algorithms, quantum error correction, quantum device theory, and fundamental quantum science. Candidates should have a commitment to teaching and a demonstrated ability to pursue a high impact research program.

An appointment may be made jointly with another department or program. A start date of September 1, 2023 is preferred.

The department is committed to fostering an academic environment that acknowledges and encourages diversity and differences. The successful candidate will show/demonstrate the potential to pursue academic excellence in diverse, multicultural, and inclusive settings.

Applicant review will begin in November.

For full consideration, please submit applications no later than December 31, 2022, using the following site: https://www.princeton.edu/acad-positions/position/27365. Applications require: a cover letter, complete curriculum vitae, descriptions of research and teaching interests, and the contact information for four references.

The selected candidate will be required to successfully complete a background check.

Princeton University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Purdue University Main Campus

Assistant/Associate Professor of Electrical and Computer Engineering

The Elmore Family School of Electrical and Computer Engineering at Purdue University invites applications for a tenure-track position at the Assistant or Associate level. Purdue University seeks to attract exceptional candidates with interests and expertise in any area of Computer Engineering related to software, including (but not limited to) software engineering, programming languages, secure and dependable software, software for mobile devices, software for distributed and networked systems, and software system support for machine learning. Successful candidates must
Professional Opportunities

hold a Ph.D. degree in Electrical and Computer Engineering, Computer Science, or a related discipline and demonstrate potential to build an independent research program, as well as potential to educate and mentor students. The successful candidate will conduct original research, advise graduate students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels.

The Elmore Family School of Electrical and Computer Engineering is the largest academic unit at Purdue University and one of the largest ECE programs in the nation with 120 faculty members, 2,000 undergraduate students (sophomores-seniors) and 1,300 graduate students. This position is part of significant new growth and initiatives in Computer Engineering within ECE, and in response to the growing demand for software-based courses in the ECE curriculum with an emphasis on experiential learning. Faculty in ECE engage in cutting-edge research related to all areas of ECE, and extensively collaborate with the software industry and with faculty in computer science. ECE’s graduate, undergraduate and online programs rank 9th, 9th (EE)/10th (CE), and 1st in the nation, respectively. Faculty in ECE collaborate closely with industry, and the talent at Purdue ECE has been a major factor in attracting industry to the local area including many tech-focused companies, and companies such as Saab Global Defense and Security Company, Rolls-Royce, and GE Aviation. SkyWater Technology recently announced plans to build a $1.8 billion semiconductor R&D and production facility in West Lafayette.

The School is an integral part of Purdue’s College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation (2nd public college for engineering, 3rd for online graduate engineering programs, 4th for graduate programs, 6th in the world for utility patents, and 10th for undergraduate programs) and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The College goal of Pinnacle of Excellence at Scale is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

Applications must be submitted electronically via this site https://careers.purdue.edu/job-invite/21789/ including (1) a complete curriculum vitae, (2) teaching plan, (3) research plan, (4) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion, and (5) names and contact information for at least 3 references. The search committee may contact references to request letters.

For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu.

Review of applications will begin on October 3, and will continue until the position is filled. A background check is required for employment in this position.

Purdue University, the College of Engineering and the Elmore Family School of Electrical and Computer Engineering are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Purdue University’s Elmore Family School of Electrical and Computer Engineering is committed to advancing diversity in all areas of faculty effort including discovery, instruction, and engagement. Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Purdue University: Associate/Full Professor of Electrical and Computer Engineering

The Elmore Family School of Electrical and Computer Engineering at Purdue University invites applications for a tenured position at the Associate or Full level. Purdue University seeks to attract exceptional candidates with interests and expertise in any area of Computer Engineering related to software, including (but not limited to) software engineering, programming languages, secure and dependable software, software for mobile devices, software for distributed and networked systems, and software system support for machine learning. Successful candidates must hold a Ph.D. degree in Electrical and Computer Engineering, Computer Science, or a related discipline.
and demonstrate potential to build an independent research program, as well as potential to educate and mentor students. The successful candidate will conduct original research, advise graduate students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels.

The Elmore Family School of Electrical and Computer Engineering is the largest academic unit at Purdue University and one of the largest ECE programs in the nation with 120 faculty members, 2,000 undergraduate students (sophomores-seniors) and 1,300 graduate students. This position is part of significant new growth and initiatives in Computer Engineering within ECE, and in response to the growing demand for software-based courses in the ECE curriculum with an emphasis on experiential learning. Faculty in ECE engage in cutting-edge research related to all areas of ECE, and extensively collaborate with the software industry and with faculty in computer science. ECE’s graduate, undergraduate and online programs rank 9th, 9th (EE)/10th (CE), and 1st in the nation, respectively. Faculty in ECE collaborate closely with industry, and the talent at Purdue ECE has been a major factor in attracting industry to the local area including many tech-focused companies, and companies such as Saab Global Defense and Security Company, Rolls-Royce, and GE Aviation. SkyWater Technology recently announced plans to build a $1.8 billion semiconductor R&D and production facility in West Lafayette.

The School is an integral part of Purdue’s College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation (2nd public college for engineering, 3rd for online graduate engineering programs, 4th for graduate programs, 6th in the world for utility patents, and 10th for undergraduate programs) and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The College goal of Pinnacle of Excellence at Scale is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

Applications must be submitted electronically via this site https://careers.purdue.edu/job-invite/21875/ including a complete (1) curriculum vitae, (2) teaching plan, (3) research plan, (4) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion, and (5) names and contact information for at least 3 references. The search committee may contact references to request letters. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu.

Review of applications will begin on October 3, and will continue until the position is filled. A background check is required for employment in this position.

Purdue University, the College of Engineering and the Elmore Family School of Electrical and Computer Engineering are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Purdue University’s Elmore Family School of Electrical and Computer Engineering is committed to advancing diversity in all areas of faculty effort including discovery, instruction, and engagement. Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.
Purdue University, the College of Engineering and the Elmore Family School of Electrical and Computer Engineering are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom. Purdue University’s Elmore Family School of Electrical and Computer Engineering is committed to advancing diversity in all areas of faculty effort including discovery, instruction, and engagement. Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services. Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Purdue University
Assistant/Associate/Full Professor of Engineering Practice

The Elmore Family School of Electrical and Computer Engineering at Purdue University invites applications for a non-tenure track Faculty of Engineering Practice position at all levels (Assistant, Associate or Full Professor). Purdue University seeks to attract exceptional candidates with interests and expertise in any area of Computer Engineering related to software, including (but not limited to) software engineering, programming languages, secure and dependable software, software for mobile devices, and software for distributed and networked systems and software.

Applications must be submitted electronically via this site https://careers.purdue.edu/job-invite/21786/ including (1) a complete curriculum vitae, (2) teaching plan, (3) research plan, (4) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion, and (5) names and contact information for at least four references. The search committee may contact references to request letters.

For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu.

Review of applications will begin on September 15 and will continue until the position is filled. A background check is required for employment in this position.
system support for machine learning, and computing education. Successful candidates must hold an advanced degree (Masters or Ph.D. with at least 5 years of industry/open source software experience) in Electrical and Computer Engineering, Computer Science or a related discipline and demonstrate potential to integrate their professional practice with the Elmore Family School of Electrical and Computer Engineering’s research, education, and/or engagement/outreach programs. The successful candidate will teach undergraduate and graduate level software courses, develop new course material, instill industry perspective and best practices, and integrate innovative methods for software education. The expected teaching emphasis will be in team-based design-oriented courses such as Software Senior Design as well as other software and programming intensive courses. The successful candidate will develop national recognition via activities including but not restricted to: (i) success of student teams in classes; (ii) projects, publications and presentations about educational and/or entrepreneurial/tech transfer and/or engagement and/or applied research activities; (iii) engagement with open source software consortia, software industry (e.g., through the ECE corporate partners program) or government organizations; (iv) or other impactful achievements.

The Elmore Family School of Electrical and Computer Engineering is the largest academic unit at Purdue University and one of the largest ECE programs in the nation with 120 faculty members, 2,000 undergraduate students (sophomores-seniors) and 1,300 graduate students. This position is part of significant new growth and initiatives in Computer Engineering within ECE, and in response to the growing demand for software-based courses in the ECE curriculum with an emphasis on experiential learning. Faculty in ECE engage in cutting-edge research related to all areas of ECE, and extensively collaborate with the software industry and with faculty in computer science. ECE’s graduate, undergraduate and online programs rank 9th, 9th (EE)/10th (CE), and 1st in the nation, respectively. Faculty in ECE collaborate closely with industry, and the talent at Purdue ECE has been a major factor in attracting industry to the local area including many tech-focused companies, and companies such as Saab Global Defense and Security Company, Rolls-Royce, and GE Aviation. SkyWater Technology recently announced plans to build a $1.8 billion semiconductor R&D and production facility in West Lafayette.

The School is an integral part of Purdue’s College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation (2nd public college for engineering, 3rd for online graduate engineering programs, 4th for graduate programs, 6th in the world for utility patents, and 9th for undergraduate programs) and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The College goal of Pinnacle of Excellence at Scale is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

Applications must be submitted electronically via this site https://careers.purdue.edu/job-invite/21883/ including (1) cover letter (2) a complete curriculum vitae, (3) teaching plan, (4) research/engagement/outreach plan and how it relates to prior relevant research and/or industry/open source software experience, and (5) names and contact information for at least 3 references. Ideally, the references should comment on relevant professional experience, as well as relevant teaching and/or mentoring experience. The search committee may contact references to request letters. For information/questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu.

Review of applications will begin on October 3, and will continue until the position is filled. A background check is required for employment in this position.

Purdue University, the College of Engineering and the Elmore Family School of Electrical and Computer Engineering are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Purdue University, the College of Engineering and the Elmore Family School of Electrical and Computer Engineering are committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values diversity and
Professional Opportunities

Ramapo College of New Jersey

**Assistant or Associate Professor of Computer Science (10-month Tenure Track)**

Ramapo College of New Jersey (New Jersey’s Public Liberal Arts school) seeks applicants for Assistant/Associate Professor Tenure Track faculty positions in Computer Science, beginning September 2023. Successful candidates will teach a variety of computer science courses at both undergraduate and graduate levels. Candidates in all areas of computer science are encouraged to apply. Ramapo College has rapidly growing programs in Computer Science and Data Science, supported by a newly opened Center for Data, Mathematical, and Computational Sciences. The successful candidate will help grow our curriculum and promote research opportunities with students and faculty.

**Requirements:**

PHD in Computer Science or closely related field.

Candidates must apply electronically through RCNJ’s application site: [https://www.ramapojobs.com/job-details?jobID=387](https://www.ramapojobs.com/job-details?jobID=387)

RCNJ is an Equal Opportunity Employer. Details are found at [www.ramapojobs.com](http://www.ramapojobs.com)

Qatar University

**Assistant Professor /Associate Professor / Full Professor**

The Computer Science and Engineering Department is seeking high-caliber candidates for multiple faculty positions at the levels of assistant, associate, and a full professor. The applicant should possess a Ph.D. degree in Computer Science, Computer Engineering, or a related field from a reputable university and should demonstrate a strong record in teaching, research, and services. While applicants in all areas of computing will be considered, the following areas are of particular interest to the department: Artificial Intelligence (all sub-areas with emphasis on Machine Learning), Big Data/Data Science/Analytics, Embedded Systems, Product Design, Robotics, Blockchain, Cybersecurity, and Autonomous Systems. The positions are available beginning September 2023.

To apply: Create your profile on [https://careers.qu.edu.qa/](https://careers.qu.edu.qa/) and apply for position IRC21041.

For more information, please visit the following website: [http://blogs.qu.edu.qa/cse/2021/09/02/we-are-hiring/](http://blogs.qu.edu.qa/cse/2021/09/02/we-are-hiring/)

Rice University

**CS Faculty Positions**

The Department of Computer Science at Rice University invites applications for a range of faculty positions starting in Fall 2023.

**Tenured and tenure-track positions (all ranks)**

The Department of Computer Science at Rice University invites applications in all areas of computing for tenured and tenure-track faculty positions at all ranks. While we invite applications in all areas of computing, we have two particular focus areas for this search:

- **Applied algorithms:** Specific sub-areas include (but are not limited to) randomized algorithms, approximation algorithms, sublinear algorithms, graph algorithms and distributed algorithms. We are particularly interested in candidates who demonstrate collaborations with other areas of computer science such as computer networks and systems, computational biology, AI/ML, data science, privacy and security and robotics as well as cross-disciplinary collaborations with mathematics, statistics, computational medicine, science and beyond.

- **Responsible computing:** The Department seeks applicants whose research focuses on mitigating the adverse impacts of advances in computing on society and enhancing its overall well-being. Example research topics include: enhancing fairness and reducing bias in AI/ML; understanding the spread of misinformation in social media, building secure computer systems, strengthening online privacy, and designing energy-efficient computer systems. These positions require conducting high-quality research as well as teaching graduate and undergraduate courses in Computer Science. Successful candidates will have a strong commitment to...
Professional Opportunities

Director School of Information

Dr. Michelle Simmons

School of Information

The position:
The position serves as the Director of the School of Information and is a tenured faculty member at the rank of Associate Professor.

The School of Information (iSchool) is a unique academic unit within the Rochester Institute of Technology (RIT) that combines intellectual activities from computer science, library and information science, design, and business. The iSchool is home to undergraduate and graduate programs in Information Science and Information Technology, Information Systems, and Information Management.

The iSchool is committed to providing an educational experience that prepares students for success in the information age. The iSchool is dedicated to fostering a culture of innovation, collaboration, and excellence, and to advancing knowledge in the fields of information science and technology.

The School of Information is a part of the Golisano College of Computing and Information Sciences, which is one of the largest and most diverse units at RIT.

The Director of the School of Information is responsible for leading the School in its mission to provide high-quality educational programs and research opportunities in the field of information science.

Responsibilities:
The Director is responsible for:

- Developing and implementing the School’s strategic plan
- Ensuring the delivery of high-quality educational programs and research opportunities
- Building and maintaining strong relationships with key stakeholders, including students, faculty, administrators, and industry partners
- Managing the School’s budget and finances
- Representing the School in external forums and professional organizations

Qualifications:
The Director should have:

- A Ph.D. in a related field
- Significant experience in academic administration and leadership
- A strong record of research and scholarship
- Excellent communication and interpersonal skills

The iSchool is committed to diversity and inclusion, and encourages applications from qualified candidates who bring a range of experiences and perspectives to the position.

Apply online at:

https://apptrkr.com/3549449

Additional Details:

- RIT is an at-large university that serves students from all walks of life and from across the globe.
- The iSchool has a strong record of community engagement and is committed to addressing social and educational challenges.

Please apply online at: https://apptrkr.com/3549449

November 2022
teaching, advising, and mentoring undergraduate and graduate students from diverse backgrounds.

The positions are expected to start in July 2023.

Apply via Interfolio https://apply.interfolio.com/113235.

Non-tenure track positions

Lecturer of Computer Science: The Department of Computer Science at Rice University invites applications for a non-tenure track lecturer position. The primary responsibilities of lecturers are to teach and to carry out service within the department. Applicants with teaching expertise in any area of computer science will be considered.

These positions require teaching graduate and undergraduate courses in Computer Science, both in-person and online. The successful candidate will have a strong commitment to teaching, advising, and mentoring undergraduate and graduate students from diverse backgrounds.

Once at Rice, lecturers may be considered for an Assistant Teaching Professor position, with appropriate approvals. In addition to teaching and service, Teaching Professors at all ranks are expected to contribute to the application and dissemination of pedagogical practices and carry out service related to teaching. They are neither required nor expected to carry out disciplinary research but may pursue such research or research related to their education mission. Assistant Teaching Professors are eligible to be promoted through the teaching-track ranks.

Saint Louis University

Clare Boothe Luce Professor of Robotics and Autonomous Systems

The School of Science and Engineering at Saint Louis University (SLU) seeks dynamic, collegial, collaborative, and creative applicants for a full-time (9-month), tenure-track faculty position as the Clare Boothe Luce (CBL) Professor in Robotics and Autonomous Systems. Applicants should be dedicated to performing ground-breaking, funded research in robotics and autonomous systems. We take a broad view of this field and encourage applicants whose work focuses on topics traditionally associated with robotics and autonomous systems as well as those focused on newer areas like mechatronics, advanced manufacturing and smart materials, cyber-human systems, and others.

Applicants should also be motivated to deliver engaging, hands-on learning experiences to undergraduate and graduate engineering students in a team-oriented, student-focused environment. We particularly seek applicants with diverse backgrounds and an interest in contributing to our outreach and mission-oriented community engagement activities. Appointments are targeted for the Assistant Professor level; however, candidates with exceptional qualifications will be considered for appointment at a higher level. The successful candidate will be nominated for designation as a Clare Boothe Luce Professor of Robotics and Autonomous Systems: the Luce Program guidelines restrict Luce professorships to women who are recent or early-career PhDs and who are U.S. citizens or have permanent residency in the U.S. As such, applicants who identify as female will be prioritized. This unique opportunity provides future STEM leaders with resources to develop their research/teaching portfolios with the support of generous professional development funds for use in travel, student funding, research equipment, or childcare.

The CBL professorship is an excellent opportunity for the recipient to develop a strong interdisciplinary research program in a supportive, nurturing environment designed to ensure success. The CBL professor will have the opportunity to collaborate with diverse researchers, attract world-class students, and move ideas from the laboratory into the marketplace. This position is an opportunity to augment and complement our college’s existing strengths in autonomous aerial and ground vehicles, space systems, medical robotics, and haptic interfaces. The primary goal of this
positions in computer science to begin in August 2023. The Department of Computer Science supports bachelor’s, master’s, and doctoral programs in computer science and closely related graduate-level programs such as artificial intelligence, bioinformatics, data science, and software engineering. For more information about the department or these positions, please visit https://cs.slu.edu/hiring.

The department seeks candidates for multiple tenure-track faculty positions at the level of Assistant, Associate, and Full Professor, and the positions are open to all research areas. We would like to expand upon current strengths in teaching and research clusters (algorithms, bioinformatics, computer vision, human-computer interaction, machine learning, security/privacy, and systems and networking), and to develop additional strengths in key areas such as artificial intelligence, computer ethics, cybersecurity, database systems, data mining, scientific computing, software engineering, and theory of computation.

Tenure-track faculty members are expected to develop and maintain active research programs and to contribute toward teaching a diverse portfolio of inclusive classes at the undergraduate and graduate levels. Candidates for the tenure-track positions must have a doctoral degree or be ABD in computer science or a closely related field and must demonstrate strong potential for both research and teaching.

Applicants must submit a cover letter, CV, and contact information for at least three individuals who can provide reference letters. Supplemental documents also should be submitted to the system including a research statement (for tenure-track applicants), a teaching statement, and a statement addressing how the applicant’s efforts can support an inclusive and diverse community. Review of complete applications will begin on November 1, 2022, but applications through December 15, 2022, will be fully considered and will continue until the positions are filled. Please visit https://cs.slu.edu/hiring to submit your application. If you have any questions, please feel free to reach out to us at cs-search@slu.edu.

Saint Louis University is an equal opportunity/affirmative action employer. All qualified candidates will receive consideration for the position applied for without regard to race, color, religion, sex, age, national origin, disability, marital status, sexual orientation, military/veteran status, or other non-merit factors. We welcome and encourage applications from minorities, women, protected veterans, and individuals with disabilities (including disabled veterans). If accommodations are needed for completing the application and/or with the interviewing process, please contact Human Resources at 314-977-5847.

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Santa Clara University

**Tenure-Track Assistant Professor of Computer Science and Engineering**

**Purpose:**

The Department of Computer Science & Engineering at Santa Clara University invites applications for three tenure-track Assistant Professor positions.

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positions is for the CBL Professor to launch a successful career as an engineering faculty member and catalyze a well-established robotics and autonomous systems program at SLU.

**Qualifications:**

- A PhD in robotics, mechanical engineering, electrical engineering, computer science, or a closely related field
- Demonstrated excellence in research and scholarly activity, including peer reviewed journal and conference papers, grant writing, mentoring students, and developing an independent research agenda
- Excellence in teaching as demonstrated through previous teaching and teaching preparation experiences
- Desire to engage with SLU’s mission-driven learning and outreach activities
- U.S. citizen or current (permanent) resident

Please see further information on this position and submit your application at:


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**Saint Louis University**

**Multiple Open Rank Tenure-Track Faculty Positions - Computer Science**

Saint Louis University, a Catholic, Jesuit institution dedicated to student learning, research, health care, and service, invites applicants for multiple open-rank tenure-track and non-tenure-track faculty
starting in the 2023-2024 academic year. To complement expertise of current faculty, address areas of strong interest to students, and enhance collaboration opportunities with local industries, the department is particularly interested in candidates with specializations in software engineering, programming languages/compilers, computer architecture, blockchain, and metaverse areas. However, Silicon Valley is an area of broad and ever-changing technical interests and needs, and strong candidates will be seriously considered regardless of area of specialization.

Santa Clara University (https://www.scu.edu) is a comprehensive Jesuit, Catholic university, located in the heart of Silicon Valley. Distinguished by the highest retention rate and has been ranked first among all regional universities in the West by U.S. News and World Report, Santa Clara University is now elevated to a new category in national rankings, “Doctoral/Professional Universities.” Santa Clara University’s ranking in the 2022 edition of Best Colleges is National Universities #55. Santa Clara University is California’s oldest operating institution of higher-education. The School of Engineering is committed to improving the human condition through engineering education, practice, and scholarship, promoting the University’s mission to “fashion a more humane, just and sustainable world.”

SCU maintains small class sizes and promotes close faculty/student interaction. The University enrollment is approximately 5,900 undergraduate and 3,000 graduate students. The Department (https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/) offers B.S., M.S. and Ph.D. degrees, with 25 full-time faculty, and a strong pool of approximately 20 part-time adjunct faculty who instruct about 450 undergraduate majors, and about 590 part-time and full-time graduate (M.S. and Ph.D.) majors. The School of Engineering maintains strong ties to local industry.

SCU and the computer science and engineering profession are committed to justice, equity, diversity, and inclusion; we seek candidates whose research, teaching, and/or service have prepared them to help fulfill these commitments. All SCU faculty engage in teaching, research and service. The ideal candidate will express enthusiasm for teaching lower and upper division undergraduate and graduate courses in areas of specialization, fulfilling all responsibilities related to those courses, and for engaging students from diverse backgrounds in learning. The candidate will demonstrate a passion for developing an active research program appropriate to Santa Clara University’s mission that leads to high-quality research publications, research funding applications, and engaging students as participants. Successful candidates will be expected to develop their own scholarly research, mentoring undergraduate and graduate students.

We welcome candidates ready to contribute to our mission to educate citizens and leaders of competence, conscience, and compassion and cultivate knowledge and faith to build a more humane, just, and sustainable world. We especially encourage applicants whose goals and professional or life experiences enrich the department and school community and who can serve as a role model to a diverse student population.

**Salary:**
Based on experience, education, and expertise.

**Basic Qualifications:**
Applicants must hold a doctorate in computer science, computer engineering, or in a closely related field; have demonstrated a strong potential for high-quality research in computing; and have a strong commitment and ability to teach at both the undergraduate and graduate levels.

**Responsibilities:**
Teaching undergraduate and graduate courses in areas of specialization, and courses of a fundamental/core nature, and fulfilling all responsibilities related to those courses.

The standard academic year course load for tenured and tenure-track positions is seven quarter-level course equivalents, generally with a one-course equivalent reduction for scholarly or creative work. The first-year tenure-track assistant professor is granted an additional one course release. Limited course buyout may be approved using external grant funds.

Course equivalents include lectures and supervision of labs, theses, dissertations, and projects, distributed across three quarters of 10 weeks each. Each quarter is 10 weeks excluding the final exams week.
Developing a research program that leads to high-quality publications, competitive for funding by external sources, and engages students as participants in that research.

Appropriate service to the department, school, university, and profession.

**Start Date:** 09/01/2023

**Posting Detail Information:**

**Open Date:** With immediate effect

**Close Date:** Review of applications will begin on December 5, 2022

**Open Until Filled:** Yes

**Special Instructions to Applicants:**

Applicants should upload a letter of application, three statements, a detailed CV, and the names and contact information of three professional references.

All applications MUST include the following required documents:

1. Letter of Interest
2. Statement of research interests, statement of teaching interests, and statement of equity, diversity, and inclusion (an equity, diversity, and inclusion (EDI) statement describes past, present, and planned contributions to equity, diversity, and/or inclusion in engineering or other areas)
3. Curriculum Vitae
4. Names and contact information of three Professional References


Complete application packets received by December 5, 2022 will receive full consideration. However, the position will remain open until filled.

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**Simon Fraser University**

**Tenure-track Faculty Positions**

The School of Computing Science at Simon Fraser University (SFU) invites applications for multiple tenure-track faculty positions in the following research areas:

- **Computer Security:** network security, information privacy, vulnerability analysis, trust management, quantum security, and applied cryptography.
- **Systems:** software engineering, computer networks, cyber-physical systems, and mobile computing.
- **Interdisciplinary:** data science, human-computer interaction, computational biology, social computing, visual computing, and robotics.

Candidates with a commitment to the advancement of women and other underrepresented groups in computer science are especially encouraged to apply.

The School of Computing Science is among the top computer science departments in Canada and internationally, with excellent research and teaching programs at the graduate and undergraduate levels. SFU is located in Metro Vancouver, which is rated one of the most livable areas in North America. SFU offers competitive salaries, excellent benefits, and a collegial and vibrant work environment. In addition, exceptional candidates may be considered for Endowed Research Chairs, which come with extra teaching releases and salary tops, in addition to the prestige and recognition of the chairs.

Successful candidates are expected to have strong research records and demonstrate commitment to excellence in research, teaching, and graduate student supervision; including the demonstration of creating inclusive classrooms and/or recognition of needs in support of a diverse student body. The School will consider applications at all ranks, including assistant, associate, and full professor, with the following expectations:

- **Assistant Professor:** excellent research achievements demonstrated by publications at top venues with the candidate being the main contributor, strong reference letters, and broader impact of the research outcomes shown, for example, by research awards, citations, open-source tools used by peers, and/or technology transfer to industry.

- **Associate Professor:** outstanding research achievements demonstrated by publications at top venues with the candidate being the main contributor, strong reference letters, and broader impact of the research outcomes shown, for example, by research awards, citations, open-source tools used by peers, and/or technology transfer to industry. It is also expected that the candidate provides evidence for effective supervision of students.

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**Start Date:** 09/01/2023

**Posting Detail Information:**

**Open Date:** With immediate effect

**Close Date:** Review of applications will begin on December 5, 2022

**Open Until Filled:** Yes

**Special Instructions to Applicants:**

Applicants should upload a letter of application, three statements, a detailed CV, and the names and contact information of three professional references.

All applications MUST include the following required documents:

1. Letter of Interest
2. Statement of research interests, statement of teaching interests, and statement of equity, diversity, and inclusion (an equity, diversity, and inclusion (EDI) statement describes past, present, and planned contributions to equity, diversity, and/or inclusion in engineering or other areas)
3. Curriculum Vitae
4. Names and contact information of three Professional References

Professional Opportunities

Southern Illinois University

**Assistant Professor - Four Positions**

School of Computing at SIUC is accepting applications for four Tenure-Track Assistant Professor positions for the 2023-2024 academic year.

To read the full job announcements and apply, see:
- Data/Machine Learning [https://jobs.siu.edu/job-details?jobid=14457](https://jobs.siu.edu/job-details?jobid=14457)

Southern Methodist University

**Department of Computer Science**

**Clinical Assistant Professor in Computer Science**

**Position Numbers: 52678 & 53370**

The Department of Computer Science in the Lyle School of Engineering at Southern Methodist University (SMU) invites applications for two full-time Clinical Assistant Professor positions beginning in Spring or Fall, 2023. These positions are 9-month full-time, non-tenure track faculty appointments with renewable five-year contracts, at the rank of Clinical Assistant Professor or Clinical Associate Professor, based on the candidates’ experience and accomplishments. Salary will be commensurate with qualifications. Opportunities exist to augment the
academic year salary by assisting with summer or intersession instruction.

Duties include teaching and development of computer science courses at both the undergraduate and graduate level. Candidates are expected to demonstrate potential for excellence in teaching across the CS curriculum, including but not limited to, networks and distributed computing, AI/machine learning, operating systems, cybersecurity, data structure, algorithms, programming languages, database, and cloud computing. The expected teaching load will be 3+4 courses in regular fall and spring semesters, along with service responsibilities. In addition to being excellent educators, candidates are encouraged to conduct research. Sponsored research activities will lead to course release.

A Ph.D. degree in Computer Science, or a related discipline is required by the time of appointment.

Application deadline is January 1st, 2023. Review of applications will begin immediately until the positions are filled. Early submission before 12/1/2022 is strongly encouraged. To ensure full consideration, please apply before 1/1/2023. Hiring is contingent upon the satisfactory completion of a background check.

To apply, please submit the following items to Interfolio (http://apply.interfolio.com/113300): 1) cover letter, 2) curriculum vitae, 3) statement of teaching philosophy, 4) diversity statement, and 5) three letters of reference. Statement of research is encouraged.

The Department of Computer Science at SMU offers B.S. (accredited by the Computing Accreditation Commission of ABET, https://www.abet.org), B.A., M.S., Ph.D., and Doctor of Engineering in Software Engineering degree programs (https://www.smu.edu/lyle/Academics/Departments/CS). For questions, please contact Professor Jia Zhang, Search Committee Chair at jiazhang@smu.edu.

SMU is a private research university less than five miles from downtown Dallas, whose metroplex hosting one of the highest concentrations of high-tech jobs in the nation. SMU has over 12,000 students and over 1,100 faculty members. SMU campus is constantly ranked as one most beautiful campus in America and also hosts the George W. Bush Presidential Center.

SMU will not discriminate in any program or activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, veteran status, sexual orientation, or gender identity and expression. The Executive Director for Access and Equity/Title IX Coordinator is designated to handle inquiries regarding nondiscrimination policies and may be reached at the Perkins Administration Building, Room 204, 6425 Boaz Lane, Dallas, TX 75205, 214-768-3601, accessequity@smu.edu.

Stanford Graduate School of Business

Faculty Positions in Operations, Information and Technology

The Operations, Information and Technology (OIT) area at the Graduate School of Business, Stanford University, is seeking qualified applicants for full-time, tenure-track positions, starting September 1, 2023. All ranks and relevant disciplines will be considered. Applicants are considered in all areas of Operations, Information and Technology (OIT), including the management of service and manufacturing systems, supply and transportation networks, information systems/technology, energy systems, and other systems wherein people interact with technology, markets, and the environment. Applicants are expected to have rigorous training in management science, operations research, engineering, computer science, economics, and/or statistical modeling methodologies. Candidates with strong empirical training in economics, behavioral science or computer science are encouraged to apply. The appointed will be expected to do innovative research in the OIT field, to participate in the school’s PhD program, and to teach both required and elective courses in the MBA program. Junior applicants should have or expect to complete a PhD by September 1, 2023.

Applicants should submit their applications electronically by visiting the web site http://www.gsb.stanford.edu/recruiting and uploading their curriculum vitae, research papers and publications, and teaching evaluations, if applicable, on that site. Applications will be accepted until November 15, 2022.

For an application to be considered complete, the applicant must submit a CV and job market paper and arrange for three letters of recommendation to be submitted before the application deadline of November 15, 2022.

SMU will not discriminate in any program or activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, veteran status, sexual orientation, or gender identity and expression. The Executive Director for Access and Equity/Title IX Coordinator is designated to handle inquiries regarding nondiscrimination policies and may be reached at the Perkins Administration Building, Room 204, 6425 Boaz Lane, Dallas, TX 75205, 214-768-3601, accessequity@smu.edu.
Professional Opportunities

The Stanford Graduate School of Business will not conduct interviews at the INFORMS meeting in Indianapolis, but some OIT faculty members will attend. Hence candidates who will be presenting at INFORMS are encouraged to submit their CV, a research abstract, and any supporting information before October 7, 2022.

Any questions regarding the application process should be sent by email to Faculty_Recruiter@gsb.stanford.edu.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford welcomes applications from all who would bring additional dimensions to the University’s research, teaching and clinical missions.

Stanford University

Assistant Professor

Stanford Data Science and the Department of Statistics at Stanford University invite applications for a tenure-track Assistant Professor position in data science, focusing on the theory and practice of learning from data. The departmental home of the appointee is Statistics with a faculty scholar role in the new Stanford Data Science unit.

Applicants should exhibit the potential to run a world-leading independent research program and a commitment to teaching and mentoring. The successful candidate must have a Ph.D. in statistics, data science, computer science, mathematics, or a related discipline at the time of appointment and will be expected to teach and advise students at both the graduate and undergraduate levels.

The successful candidate will be expected to contribute creatively and in depth to theoretical and applied data science through research, teaching and trainee mentorship. We are open to candidates working on a broad range of problems including but not limited to statistical methodology, applications, computation and theory. Ideal candidates will demonstrate strong communication and leadership skills, and will be able to actively contribute to our rapidly growing institute and their home department.

Stanford Data Science, the Department of Statistics, and Stanford University value faculty who are committed to advancing diversity, equity, and inclusion. Candidates may optionally include a diversity statement including a brief discussion of how their research, teaching and mentorship will further these ideals.

Further information on Stanford Data Science may be found at https://datascience.stanford.edu/ and information on the Department of Statistics at https://statistics.stanford.edu/. Inquiries may be directed to search@stat.stanford.edu.

Applicants should submit a cover letter, CV, 3-5 page statement of research accomplishments and plans, 1 page teaching statement, 1 page diversity statement (recommended), 2 representative publications, and arrange for at least 3 letters of recommendation to be submitted.

All materials should be submitted online http://Facultypositions.stanford.edu/cw/en-us/job/493466?lApplicationSubSourceID=

The search committee will begin reviewing applications on November 15, 2022. Applications must be received by December 15, 2022 to be guaranteed consideration.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford welcomes applications from all who would bring additional dimensions to the University’s research, teaching and clinical missions.

Stanford University

Department of Computer Science

Faculty Opening

The Stanford Department of Computer Science invites applications for a teaching
St. Norbert College

Tenure Track, Open Rank Faculty Position
Computer Science – Full Time

Duties:
St. Norbert College invites applications for a full-time, tenure-track faculty position in Computer Science starting August, 2023, to join a dedicated faculty and its robust computer science program. We are seeking individuals with teaching experience who are passionate about teaching and mentoring undergraduate students. Preference will be given to candidates with a specialization in computer science that complements the existing strengths of the department; such areas of specialization include but are not limited to networking, artificial intelligence, security, operating systems, and/or programming languages. Additionally, the successful candidate must be able to teach a broad array of computer science courses, introductory as well as advanced. A typical teaching load is two courses per semester in which each course meets for three hours in the classroom and two hours in a hands-on weekly lab component. Labs are designed to provide students with the opportunity to closely interact with faculty as the students experiment with concepts and extend their knowledge. In addition, each CS major completes an individual project in the Senior Capstone Experience.

Application Requirements:
• All applications should include a cover letter, curriculum vita, brief (3 pages total, including references) teaching statement, and material relevant to evaluating the applicant’s teaching abilities.
• Applicants should submit the names and contact information of at least four references.

Please apply online at https://facultypositions.stanford.edu. You will need to create an account if you do not already have one. Questions should be directed to, Search Committee Chair, c/o Laura Kenny-Carlson, via electronic mail to search@cs.stanford.edu.

The review of applications will begin on December 5, 2022, and applicants are strongly encouraged to submit complete applications by that date for full consideration; however, applications will continue to be accepted until January 31, 2023.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford also welcomes applications from others who would bring additional dimensions to the University’s research, teaching and clinical missions.
Professional Opportunities

We seek candidates committed to excellence in undergraduate education who will actively contribute to the growth of the Computer Science discipline and the College by being involved in curriculum development and student-faculty research opportunities as well as maintaining a strong research program in an area of Computer Science. Faculty development benefits for new faculty members include a mentoring program, pre-tenure review, and start-up funds to support scholarly pursuits.

St. Norbert College is an equal opportunity employer and is committed to enhancing the diversity of our people, ideas and talents. We welcome individuals with diverse experiences, backgrounds, and skills to join our college community in our pursuit of inclusion and excellence. Applications from members of underrepresented groups are strongly encouraged.

The division of Academic Affairs at St. Norbert College provides safe, inclusive, and anti-racist educational and work experiences for our faculty, staff, and students of color, congruent with our Catholic, Norbertine, and liberal arts values. Therefore, we invite candidates who have research interests, pedagogical experience, or lived experience that demonstrates a commitment to equity, diversity, inclusion and belonging to join our community of teaching and learning. We are seeking to hire several new faculty members as a part of a cohort of scholars who are committed to meeting together, working as a group to infuse equity, diversity, inclusion and belonging (EDIB) into the curriculum. This past year we just conducted a national search to hire an inaugural dean of curriculum and senior diversity officer, which highlights the importance of EDIB work and the curriculum.

**About St. Norbert College:**
St. Norbert College (www.snc.edu), a thriving, nationally ranked Catholic liberal arts college, with a stable undergraduate enrollment of about 1900 students, is situated on an attractive, riverside campus in De Pere, WI, a community contiguous with the city of Green Bay.

St. Norbert College is a Catholic college rooted in the Norbertine tradition and welcomes applications from members of all backgrounds and faith traditions. The College’s mission emphasizes the Norbertine vision of community and includes providing “an educational environment that fosters intellectual, spiritual and personal development.” We seek those who will contribute to our mission and support our commitment to building a vibrant, diverse and spiritually engaged community (www.snc.edu/mission/statement.html).

About Northeast Wisconsin:
The Green Bay metropolitan area offers abundant opportunities for recreational and cultural endeavors, growing family-friendly communities with modern and historical housing options, top tier schools, and world-class healthcare. Northeast Wisconsin is home to Fortune 500 companies, as well as thriving start-ups, and is served by its own international airport. For additional information, visit: https://www.thenewnorth.com/living-in-the-new-north/
https://yourmovegreenbay.com/why-we-moved/

**Qualifications:**
Candidates with an earned doctorate in Computer Science or related field are preferred, but ABD candidates will be considered. Candidates with teaching experience are preferred. Candidates at the assistant professor level should show a commitment to undergraduate education and research. Candidates at higher ranks should demonstrate a record of teaching excellence and significant scholarship. Candidates must have a commitment to promoting diversity, inclusion and shared governance.

**How To Apply:**
Interested candidates should submit a letter of application detailing their fit for the position, curriculum vitae, teaching statement, a description of research interests appropriate for undergraduate participation, undergraduate and graduate transcripts (unofficial), and the contact information for three references through the “Apply Now” button at the top of this page:

Review of applications will begin October 31, 2022 and continue until the position is filled.
Professional Opportunities

St. Petersburg College

Dean, College of Computer and Information Technology

St. Petersburg College is in search of a new Dean for the College of Computer and Information Technology. The College is part of the Florida State College System serving over 45,000 students each year at learning sites throughout Pinellas County. It boasts one of the largest online programs in the country, with degrees and certificates in computer programming, cybersecurity, computer networking, web development, and technology management.

If you are interested in a higher education leadership opportunity in technology that encourages creativity, collaboration, and innovation, this job is for you.

For more details or to apply, visit https://web.spcollege.edu/hrapp/job/5034.

SUNY Korea

Assistant/Associate/Full Professor and Teaching Professor Positions

The Computer Science Department of SUNY Korea (https://cs.sunykorea.ac.kr/cs/) invites applications for tenure-track and teaching-track positions, to start in Fall 2023 or Spring 2023.

(A) Tenure-Track Faculty Position: An excellent faculty member is sought at all levels in all areas of computer science. The position will be tenured or tenure-track at SUNY Korea, and will carry an affiliated faculty position with the Computer Science Department at Stony Brook University – State University of New York (SUNY), Stony Brook, NY (https://www.cs.stonybrook.edu/). Applicants should hold a PhD in Computer Science or closely related field and exhibit a strong commitment to research and teaching.

(B) Teaching-Track Faculty Position: An excellent full-time teaching faculty is sought at the junior or senior level. The candidate is expected to teach introductory and advanced CS undergraduate and possibly graduate courses. It is possible for an excellent candidate to be converted into tenure-track at SUNY Korea at a later time. Engaging in research is encouraged but not mandatory. Applicants should hold a PhD or MS in Computer Science or a closely related field and exhibit a strong commitment to teaching.

The SUNY Korea CS department offers BS (ABET accredited), MS, and PhD degree programs and is tightly integrated with the highly ranked CS department at Stony Brook University. The academic degrees awarded at SUNY Korea are identical to those of Stony Brook University, and the language at SUNY Korea is English.

SUNY Korea (https://www.sunykorea.ac.kr/en/) is located in the new master-planned city of Songdo, Korea, hosting both global organizations and multinational corporations. Incheon International Airport is just 25 minutes away and Seoul with its fascinating blend of Asian cultures is less than 1 hour away.

More information about the positions and application instructions can be found at https://cs.sunykorea.ac.kr/cs/html/sub01/0106.html. Review of applications will start immediately and will continue until the positions are filled. We value diversity and seek candidates who can contribute to a welcoming climate for all students. We strongly encourage applications from women and underrepresented groups.

Syracuse University

Assistant Professor, Tenure-Track Faculty Position

Job Description

Syracuse University’s Department of Electrical Engineering and Computer Science (EECS) (http://eecs.syr.edu) in the College of Engineering and Computer Science (https://eng-cs.syr.edu) invites applicants for a tenure-track assistant professor position who are committed to innovative teaching, inclusive excellence, and interdisciplinary collaboration.

The position targets the areas of Quantum Information Science, particularly in Algorithms and Theory of Quantum Computation. A successful faculty will bring expertise in fostering collaborations with existing research in EECS and Physics departments.

The position targets the areas of Quantum Information Science, particularly in Algorithms and Theory of Quantum Computation. A successful faculty will bring expertise in fostering collaborations with existing research in EECS and Physics departments.

The faculty hired will build on our existing strengths and participate in an organized interdisciplinary research cluster in the area of Quantum Information Science (QIS). QIS spans multiple departments in the College of Arts and Sciences (Physics and Chemistry departments) and the College of Engineering and Computer Science (Department Electrical Engineering and Computer Science).
Qualifications & Responsibilities

Candidates must have earned a doctoral degree in Computer Science, or a closely related discipline. We strongly encourage candidates’ applications with a demonstrated commitment to diversity, inclusion, and excellence in both teaching and research. Syracuse University is a Carnegie R1 ranked university that “aspires to be a pre-eminent and inclusive student-focused research university.”

How to Apply

For full consideration, candidates must complete an online application and electronically attach a cover letter, curriculum vitae, research statement, teaching statement, diversity statement and contact information of three professional references through https://www.sujobopps.com/postings/95999. To be competitive, we strongly encourage candidates to apply early. The review of applications will continue until the position is filled. For additional information, please contact the search committee via email at eecssearch@syr.edu.

Syracuse University is an equal opportunity, affirmative-action institution.

Tennessee Tech University

Multiple assistant professor tenure-track, open-rank tenure-track, and lecturer positions

Tennessee Technological University’s Department of Computer Science invites applicants for multiple assistant professor
Professional Opportunities

tenure-track, open-rank tenure-track, and lecturer positions.

**Assistant Professor and Open-Rank (assistant, associate, or full professor)**

Full-time, nine-month, tenure-track positions begin August 1, 2023. Selected candidates will teach undergraduate and graduate courses in computer science, engage in scholarly activities, develop externally funded research programs, direct the research of students at the B.S., M.S. and Ph.D. levels, serve on committees at the department, college, and university levels, engage in professional and public service, and advise students on professionalism and career opportunities.

Minimum qualifications: Earned doctorate from an accredited institution in computer science or closely related field by the start date of employment; an ability and desire to strive for teaching excellence at the undergraduate and graduate levels; potential to develop and conduct externally funded research; engagement in scholarly activities as demonstrated by peer-reviewed journal and conference publications; and effective communication and interpersonal skills.

Preferred qualifications: Expertise in the areas of data science, cybersecurity, software engineering (including but not limited to secure software development), programming languages, computer systems, or theoretical computer science; bachelor’s degree from an accredited institution in computer science; relevant teaching experience; experience in proposal writing, and industrial experience.

Screening of professor applications begins December 15, 2022; open until filled.

**Lecturer**

Full-time, nine-month, non-tenure-track positions begin August 1, 2023. Three-year contracts are renewable based on satisfactory performance review and may be extended to a six-year renewable contract. Selected candidates will teach undergraduate courses, engage in service, and advise students on academic curricula, professionalism, and career opportunities. Ideal candidates share in the mission of the University and its commitment to diversity.

Minimum qualifications: Master’s degree from an accredited institution in computer science or a closely related field by the start date of employment. Ability for teaching excellence at the undergraduate level. Effective communication and interpersonal skills.

Preferred qualifications: Earned doctorate or completion of all coursework (ABD) from an accredited institution in computer science or a closely related field by the start date of employment. All areas of expertise in computer science will be considered, with a preference given to candidates with undergraduate teaching experience in core topics including programming, data structures, algorithms, theory, databases, systems, and software engineering.

Screening of lecturer applications begins Feb. 1, 2023; open until filled.

Complete summaries of all positions are available at [https://jobs.tntech.edu](https://jobs.tntech.edu). Applicants will be required to apply online and must electronically upload required information. Tennessee Tech University is an AA/ EEO employer and does not discriminate on the basis of race, color, religion, ethnic or national origin, sex, disability, age (40 and over), status as a protected veteran, genetic information or any other category protected by federal or state law. Inquiries regarding the nondiscrimination policies should be directed to equity@tntech.edu.

TTU’s Department of Computer Science has an ABET-accredited program in Computer Science, 14 full-time faculty members, and approximately 750 students (670 undergraduate and 80 graduate in M.S. and Ph.D. programs). The department conducts comprehensive teaching and research in both basic and applied aspects of computer science. Research activities in the department are broadly categorized into Information Assurance & Security, Data Science and Artificial Intelligence, High Performance & Distributed Computing, and Software Engineering. The department also has a close relationship with the Department of Electrical and Computer Engineering, with whom we partner to deliver the Computer Engineering degree. The department has multiple funded research programs from the National Science Foundation that are currently active and has multiple collaborations across campus, with other colleges and universities, with local, statewide, regional, and national corporations, and with Oak Ridge National Laboratory. Committed to diversity, the TTU Department of Computer Science founded the National Women in Cybersecurity Conference (WiCyS), established the first cohort in Tennessee of the NCWIT
Texas A&M University

Director, Global Cyber Research Institute

At Texas A&M, the Texas A&M Global Cyber Research Institute (GCRI), a joint institute between Texas A&M University and the Texas A&M Engineering Experiment Station, has recently been established with support from a generous endowment, and we are seeking its inaugural director.

The main goal of the institute is to provide a platform for research, leadership, engagement, and education in cyber and information security. The position posting has just been released, and more details about the GCRI’s mission and this position can be found here: https://tinyurl.com/GCRIDirector

Texas State University

Lecturer Or Senior Lecturer In Computer Science

Texas State University. The Department of Computer Science invites applications for two full-time Lecturer or Senior Lecturer positions to start on September 1, 2023. Consult the department’s employment page at https://cs.txstate.edu/employment/faculty for additional information and to apply.

Texas State University, to the extent not in conflict with federal or state law, prohibits discrimination or harassment on the basis of race, color, national origin, age, sex, religion, disability, veterans’ status, sexual orientation, gender identity or expression.

Employment with Texas State University is contingent upon the outcome of record checks and verifications including criminal history, driving records, education records, employment verifications, reference checks, and employment eligibility verifications.

Texas State University is a tobacco-free campus. Smoking and the use of any tobacco product will not be allowed anywhere on Texas State property or in university owned or leased vehicles.

Texas State University is a member of the Texas State University System. Texas State University is an EOE.

Texas Tech University

Assistant/Associate/Full Professor - Tenure Track

The Department of Computer Science at Texas Tech University invites applications for multiple tenured or tenure-track positions at various ranks starting in Fall 2023. Applicants must have a Ph.D. degree in Computer Science or related fields by the time of appointment. With one of the positions to address the teaching needs of the department in the areas of programming language concepts and compiler, we are looking for outstanding candidates in all core and emerging areas of computer science, with track records of research excellence, and ability to obtain external research funding and become leaders in research and education.

Associate/Full Professor candidates must have proven record in building research teams at the university or national level, playing a leading role in obtaining significant external research funding, and having internationally impactful publications. Service duties include program building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected. A demonstrated and ongoing commitment to serving diverse student populations and first-generation students is highly desirable.

A letter of application, Curriculum Vitae, statement of research, teaching statement, and three letters of reference (five for applications at the rank of Full Professor) should be submitted electronically at http://www.texastech.edu/careers/ using requisition numbers 30602BR for assistant professorship, 30601BR for associate professorship or 30600BR for full professorship.

Review of applications for associate and full professors will start in Mid-October 2022 and review of applications for assistant professors will start in January 2023. For best consideration, applications for associate and full professors should be submitted by November 1st, 2022, and applications for assistant professors should be submitted by January 15th, 2023. Review of applications will continue until the positions are filled.

Texas Tech University is a Tier One Research University according to 2018 Aspiration Awards for High School, and has established several endowed scholarships aimed at increasing access to women and underrepresented groups.
Carnegie Classification of Institutions of Higher Education.

As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community at Texas Tech University. The university welcomes applications from minoritized candidates, women, protected veterans, persons with disabilities, and dual-career couples. Texas Tech University recently surpassed the Hispanic student population threshold necessary for designation as a Hispanic Serving Institution (HSI).

Should you have questions, please contact Search Committee Chair, Dr. Yu Zhuang, at yu.zhuang@ttu.edu.

Texas Tech University
Assistant/Associate Professor of Practice

The Department of Computer Science at Texas Tech University invites applications for Assistant/Associate Professor of Practice positions starting in Spring 2023. Applicants must have at least a Master’s degree in Computer Science or related fields by the time of appointment. We are looking for passionate candidates who will contribute to the university’s mission through teaching and mentoring students in professional and career preparation. Service duties include program-building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected.

This is a non-tenure track, multi-year renewable appointment. A Ph.D. degree is preferred but not required. Industry experience of 5 or more years is a plus. The candidate must be prepared to teach large and small classes of undergraduate and graduate students. The selected candidate with a Ph.D. degree will also be offered an opportunity to advance the career development to be considered for a tenure-track or tenured position. Successful candidates should have a demonstrated and ongoing commitment to serving diverse student populations.

A letter of application, Curriculum Vitae, teaching statement, and three letters of reference should be submitted electronically at http://www.texastech.edu/.

About TTIC

TTIC is a philanthropically endowed academic institute dedicated to fundamental research and graduate education in computer science. The Institute produces cutting-edge research and offers world-class graduate education. Our faculty routinely publish their results at top conferences and are recognized with prominent distinctions.

Our faculty members enjoy a uniquely light teaching load, which helps them focus on their research. TTIC has only PhD students, so all courses and activities are focused on advanced learning and research. Located on the University of Chicago campus, TTIC has a strong working relationship with U of C.

The RAP Role

The RAP position is a three-year position, with a salary and a discretionary research budget paid from TTIC’s endowment. Learn more at ttic.edu/research-assistant-professor/.

Learn More

To learn more about opportunities at TTIC, please visit the full-text ads under both “professional” and “postdoctoral” job types in the CRA jobs site, and visit TTIC’s faculty hiring page: ttic.edu/faculty-hiring/.

6045 South Kenwood Ave | Chicago, IL 60637
www.ttic.edu | @ttic_connect

November 2022
Professional Opportunities

University of Alabama in Huntsville

**Assistant Professor of Computer Science**

**ABOUT THE POSITION:** The Department of Computer Science at The University of Alabama in Huntsville (UAH) invites applicants for a tenure-track faculty position at the Assistant Professor level beginning August 2023. A Ph.D. in computer science or a closely related area is required. Desired area of research is cybersecurity/cyber operations: Defensive Security and Intrusion Detection are of particular interest, although Offensive Security, Malware Analysis, and Reverse Engineering are also of interest. Candidates who have a secondary area of interest in data science, operating systems, modeling and simulation, or databases are desirable. Outstanding candidates in other areas will also be considered.

Candidates will be expected to seek funding from agencies such as the U.S. Department of Defense or Department of Justice or the National Aeronautics and

UMass Amherst

**Director of IT**

The Manning College of Information & Computer Sciences at UMass Amherst is searching for a Director of Information Technology (IT). They are responsible for directing comprehensive IT services and general infrastructure in support of all research, teaching, and other initiatives in the Manning College of Information & Computer Sciences (CICS). The Director supervises a large team of computer support staff responsible for maintenance of computer hardware, software, networking, security, and other equipment and infrastructure in all CICS buildings. The Director is responsible for making critical policy decisions and overseeing the implementation of those policies. They ensure the IT team provides a high level of customer service at all times.


Union College

**Assistant Professor of Computer Science**

Union College invites applications for the tenure-track Mary H. ‘80 and Richard K. ‘80 Templeton Assistant Professor of Computer Science, beginning September 2023. This endowed position is part of a broader initiative to further strengthen and integrate computer science and engineering with the liberal arts at Union, and it benefits from an assigned annual allowance to support research and travel. We are especially interested in candidates who are enthusiastic about providing undergraduate research opportunities, mentoring of students, and cultivating a diverse learning community.

Our department offers a B.S. in computer science, supports an ABET accredited B.S. in computer engineering with the Electrical, Computer, and Biomedical Engineering Department, a Digital Media program with the Visual Arts department, and the computational track of the Neuroscience major. Preference will be given to applicants who have completed the Ph.D. in computer science or a related area; applicants close to finishing the Ph.D. will be considered. We welcome applications from members of groups traditionally underrepresented in the field.

Further information on the department, along with an application guide, is available at [https://cs.union.edu/jobs/](https://cs.union.edu/jobs/).

**University of Alabama in Huntsville**

**Assistant Professor of Computer Science**

**ABOUT THE POSITION:** The Department of Computer Science at The University of Alabama in Huntsville (UAH) invites applicants for a tenure-track faculty position at the Assistant Professor level beginning August 2023. A Ph.D. in computer science or a closely related area is required. Desired area of research is cybersecurity/cyber operations: Defensive Security and Intrusion Detection are of particular interest, although Offensive Security, Malware Analysis, and Reverse Engineering are also of interest. Candidates who have a secondary area of interest in data science, operating systems, modeling and simulation, or databases are desirable. Outstanding candidates in other areas will also be considered.

Candidates will be expected to seek funding from agencies such as the U.S. Department of Defense or Department of Justice or the National Aeronautics and
Multiple Faculty Positions in Computer Science

The Department of Computer Science at the University of Alabama invites applications for multiple tenure-track faculty positions at all ranks and across all domains relevant to computer science. Candidates with research interests and expertise in cyber security, autonomous/connected vehicles/transportation, applied AI/robotics, and/or combinations of these areas are of particular interest for one or more of these positions. Housed in the College of Engineering, the Computer Science Department offers B.S. degrees in Computer Science and Cyber Security, and M.S. and Ph.D. degrees in Computer Science. The department has 25 faculty members (15 tenured/tenure-track faculty), approximately 900 undergraduates and 70 graduate students. The department research funding has more than doubled in the last three years with opportunities for collaboration with many research centers across the University. Established in 1831, The University of Alabama currently serves over 38,000 students and employs over 1,900 full and part-time faculty members in thirteen colleges and schools. The Carnegie Foundation has recognized The University of Alabama with its R1 - Very High Research Activity status.

Applicants must have completion of a doctoral degree from an accredited institution in computer science or a closely related field by the starting date. Applicants must have conducted prior research work and produced scholarly publications in refereed and other professional journals and conferences; show the ability to construct a quality research program and effective collaboration with other faculty; and exhibit the potential for excellent teaching at both the graduate and undergraduate levels.

Applicants should use the following QR codes to apply:

Computer Science Associate/Full Professor

![QR Code](QR Code Image)

Computer Science Assistant/Associate Professor

![QR Code](QR Code Image)
Professional Opportunities

Space Administration (NASA), due to UAH’s proximity to Redstone Arsenal. Ideally, a candidate should have a background with one or more of these U.S. government agencies. The successful candidate will have a strong academic background and be able to secure and perform funded research in areas typical for publication in well-regarded academic conference and journal venues. In addition, the candidate should embrace the opportunity to provide undergraduate education. The department has a strong commitment to excellence in teaching, research, and service; the candidate should have good communication skills, strong teaching potential, and research accomplishments. The Computer Science department offers BS, MS, and PhD degrees in Computer Science and contributes to interdisciplinary graduate degrees in cybersecurity and software engineering. Faculty research interests are varied and include cybersecurity, data science, mobile computing, visualization, graphics and game computing, AI, image processing, pattern recognition, software engineering, and distributed systems. The annual NSF Higher Education Research and Development (HERD) survey ranked UAH as #11 in federally-financed computer and information sciences research expenditures.

APPOINTMENT DATE: Fall, 2023

ABOUT THE COLLEGE: The UAH College of Science advances cutting-edge research and offers first-rate degree programs thanks to our distinguished faculty and state-of-the-art facilities. Our location in Huntsville facilitates partnerships and collaborations with NASA, the US Army, NOAA, the HudsonAlpha Institute of Biotechnology, and the numerous high-tech companies located in Cummings Research Park, the second largest research park in the country. College of Science students enjoy the benefits of a research-intensive institution in a medium-sized university.

ABOUT THE UNIVERSITY: The University of Alabama in Huntsville, classified as a Very High Research Activity institution, offers academic and research programs in the Colleges of Arts, Humanities, and Social Sciences; Business; Education; Engineering; Nursing; Professional Studies; and Science. https://www.uah.edu/about

ABOUT HUNTSVILLE: Huntsville (known as ‘Rocket City’) maintains one of the highest per capita incomes and standards of living in the Southeast, and is a culturally diverse community. It is a national center of aerospace and high technology research and is home to NASA’s Marshall Space Flight Center. U.S. News recently ranked Huntsville as the best place to live in 2022-2023 among the 150 most populous metro areas in the country. Huntsville offers a variety of educational, recreational, and cultural opportunities.

APPLICATION PROCEDURE AND DEADLINE: Interested parties must submit a detailed resume with references to info@cs.uah.edu or Chair, Search Committee, Dept. of Computer Science, The University of Alabama in Huntsville, Huntsville, AL 35899. Qualified female and minority candidates are encouraged to apply. Initial review of applicants will begin as

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Assistant Professor in Computational Theory – Engineering

The Department of Computer Science and Computer Engineering at the University of Arkansas, Fayetteville, invites applications for a tenure-track assistant professor in computational theory beginning August 2023. Research expertise in the areas of theoretical computer science, algorithms, or relating emerging areas including, but not limited to, algorithms (randomized, distributed, parallel, approximation), data structures, algorithmic or computational complexity aspects of graph theory, geometry, optimization, databases, logic, game theory, networks, quantum computing, or molecular computing. All candidates must have a Ph.D. in the computer science, computer engineering, or a closely related discipline by the start of employment. The responsibilities of this position include teaching, research, and service in the CSCE department. The University of Arkansas is an equal opportunity, affirmative action institution.

For more information and to apply for this position: Applications should be submitted via the University of Arkansas Career site: https://uasy.sys.wd5.myworkdayjobs.com/UASYS?o=University+of+Arkansas.+Fayetteville &locations=17a66cdad9820177890cfb48ca00e249

Direct link to job posting: https://uasy.sys.wd5.myworkdayjobs.com/en-US/UASYS/Job/Fayetteville/Assistant-Professor---Engineering_R0022832
As part of a Hispanic Serving Institution, the department is committed to addressing barriers in the field. Those who share our vision of bringing a transformational educational experience to our students, who are committed to anti-bias practices and mentoring under-represented students, are strongly encouraged to apply. We are particularly interested in receiving applications from members of groups that have been historically underrepresented in their chosen fields.

Among generous benefits, the university offers reimbursement for qualified childcare expenses, qualified tuition reduction for eligible family members, and 12 weeks of paid and 12 weeks of unpaid parental leave. The University of Arizona is located in the heart of Tucson, known for its opportunities for leisure activities, including amazing biking, hiking, rock climbing, horseback riding, and caving. The University of Arizona has been recognized for our innovative work-life programs.

Review of applications will begin January 3, 2023 and continue until the position is filled. Please email search@cs.arizona.edu if you have questions or need assistance.

University of Arizona

Assistant/Associate/Full Professor of Computer Science (multiple positions)

The Department of Computer Science at the University of Arizona invites applications for multiple tenure-track / tenured faculty positions in all areas of computer science and at all ranks.

The Department has a long history of research accomplishment, influential software distribution, and substantial external funding. Current research areas include algorithms, bioinformatics, compilers, computational geometry, databases, high-performance computing, machine learning, natural language processing, networks, operating systems, security, vision, and visualization. More information about the University of Arizona and its environs is available at talent.arizona.edu.

To apply, complete an online application at the UA Arizona Human Resources website: https://bit.ly/3EI5zn. Please upload: (a) your curriculum vitae; (b) a research statement; (c) a teaching statement; (d) a diversity, inclusion, and equity statement; (e) the names of at least three references, who will be contacted in the final phase of the search; and (f) a cover letter.

The University of Arizona is an EO/AA employer-M/W/D/V.

University of Buffalo

Assistant Professor, Associate Professor, or Full Professor

The Department of Computer Science and Engineering (CSE) at University at Buffalo (UB) invites candidates to apply for multiple positions at the level of Assistant Professor, Associate Professor, or Full Professor. We are particularly looking for candidates who can operate effectively...
in a team environment and in a diverse community of students and faculty and share our vision of helping all constituents reach their full potential.

The successful candidate will be expected to teach courses at the graduate and undergraduate levels, mentor graduate students, advise students at all levels, and maintain an active research program. The successful candidate for an Associate Professor or Full Professor position should have a record of scholarly accomplishments, teaching experience, and a sustained externally funded research program. All areas of research expertise that complement the existing research strengths in the department will be considered. Preference will be given to candidates in the following areas: (1) mobile systems; (2) security and privacy; (3) machine learning; and (4) theory and algorithms, but applicants in all areas of computer science and engineering are encouraged to apply.

Apply Here: https://www.ubjobs.buffalo.edu/postings/37335

The Department of Computer Science and Engineering (CSE) offers BS

Assistant Professor - Artificial Intelligence & Cancer Biology - Departments of Molecular & Cell Biology and Electrical Engineering & Computer Science

POSITION DESCRIPTION:
Assistant Professor
University of California, Berkeley
Department of Molecular and Cell Biology (MCB), Division of Immunology and Molecular Medicine (IMM), and Department of Electrical Engineering and Computer Sciences (ECEC), Berkeley

The Department of Molecular and Cell Biology (MCB), Division of Immunology and Molecular Medicine (IMM) and the Department of Electrical Engineering and Computer Sciences (ECEC) at the University of California, Berkeley invites applications for an Assistant Professor position in Artificial Intelligence & Cancer Biology.

Candidates must be working in a cross-disciplinary area that combines expertise in computational methods and cancer biology. Candidates who are working in a research area that complements current strengths of the Department of Molecular and Cell Biology (MCB), Division of Immunology and Molecular Medicine (IMM) and the Department of Electrical Engineering and Computer Sciences (ECEC) at the University of California, Berkeley are encouraged to apply. Successful candidates will be expected to develop an independent research program in the area of Artificial Intelligence & Cancer Biology.

The University of California, Berkeley is committed to diversity, equity, and inclusion. Candidates who have had non-traditional career paths or who have taken time off for family reasons, who have achieved excellence in careers outside academia, for information about potential relocation to Berkeley, or on needs of accompanying partners and spouses, please visit: http://ofew.berkeley.edu/new-faculty

Deadline: November 2022

https://apptrkr.com/3547938

The posting will remain open until November 13, 2022. Please direct questions to eecs-faculty-recruiting@eecs.berkeley.edu.

Assistant/Associate/Full Teaching Professor - EECs

Deadline: November 13, 2022

The University of California, Berkeley invites applications for approved teaching-track positions in Electrical Engineering and Computer Sciences at the Assistant and Associate/Full Teaching Professor levels. Rank will be determined based on qualifications and experience. There are two positions available, one at the Assistant Teaching Professor level in EECs - Division of Computer Science and one open-rank position initially in Computer Science that is expected to transfer to the forthcoming Department of Data Science. The positions are formally titled Lecturer with Potential Professional Opportunities.

For more information about the position, including required qualifications and application materials, please go to: https://apptrkr.com/3547938

The posting will remain open until November 13, 2022. Please direct questions to eecs-faculty-recruiting@eecs.berkeley.edu.

Assistant/Associate/Full Professor - Computational Health Science - UC Berkeley Division of Computing, Data Science, and Society; UCSF Bakar Computational Health Sciences Institute

The UCSF UC Berkeley Joint Program in Computational Precision Health seeks applicants for an open rank tenured or tenure track FTE (“hard money”) position with an expected start date of July 1, 2023. Successful candidates will have a strong track record of applying computational and data sciences to health, broadly defined to include aspects of mental and physical health, population and public health; public policy and economics; and equity and fairness.

For more information about the position, including qualification and application materials, go to: https://apptrkr.com/3469546.

The deadline to apply is November 11, 2022. For questions, please contact Rhamond Lewis at cph.info@berkeley.edu. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status. More details are available at: https://computationalhealth.ucsf.edu/join-us/
Multiple Open Rank Faculty Positions in Computer Science Department
University of California, Los Angeles

The Computer Science Department at the UCLA Henry Samueli School of Engineering and Applied Sciences is conducting a search for exceptional faculty candidates in all areas of computer science at all ranks. These areas include our traditional areas of strength such as Artificial Intelligence, Machine Learning, Architecture and Organization, Cryptography, Data Science and Analysis, Graphics and Visualization, Algorithms and Complexity, and Systems and Networks. We also seek exceptional faculty in Computer Security, Quantum Computing, Human Computer Interaction and emerging interdisciplinary areas in Computer Science.

Candidates whose technical interests complement and augment the Department’s existing strengths and are well positioned to develop collaborations as part of multidisciplinary research teams are of particular interest. Applications will be considered at all levels. Our hiring priority is focused on the frontiers of Computer Science research, where a candidate’s impact, originality, and promise for developing and maintaining a strong, extramurally supported research program has been demonstrated. We are interested in outstanding candidates who are committed to excellence in teaching and scholarship and to a diverse campus climate.

These positions require a Ph.D. or equivalent in Computer Science or a closely related discipline at date of hire.

How to Apply:
Application packages should be submitted online through https://apptrkr.com/3469894 and include the following documents:

1) curriculum vitae,
2) statement of contributions to equity, diversity, and inclusion with particular attention to mentoring achievements and future mentoring goals,
3) statement of research interest,
4) statement of teaching interest, and
5) a cover letter.

Review of applications will begin on November 1, 2022 and continue until the positions are filled.

Reference Requirements:
3-5 required (contact information only)

The University of California is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the University of California Nondiscrimination & Affirmative Action Policy.

Open Rank Teaching Professor Position in Computer Science
and Data Science

The Computer Science Department at the UCLA Henry Samueli School of Engineering and Applied Science invites applications for a Teaching Professor at all ranks (officially called Lecturer with Potential Security of Employment, Lecturer with Security of Employment, and Senior Lecturer with Security of Employment). This is a permanent position, analogous to tenure-track, with Academic Senate membership and an expectation of participation in governance and management of the university’s educational program through committee service, curriculum development, and administration.

The nominal teaching load is six courses per year on a quarter system. In addition to supporting the needs of the Computer Science Department, this position will also help to support the Data Science and AI tracks of the School’s Master of Engineering program through upper-division undergraduate offerings in those areas. Salary will be commensurate with experience and University of California pay scales.

The ideal candidate would have the following qualifications: A Ph.D. in computer science or a closely related field, or an M.S. in computer science or a closely related field along with significant additional relevant experience.

How to apply
Application packages should be submitted online through https://apptrkr.com/3507566 and include the following documents: 1) curriculum vitae, 2) teaching portfolio, including a list of courses taught along with enrollment statistics and teaching evaluations, 3) teaching statement, 4) statement of contributions to equity, diversity, and inclusion, 5) an optional statement of research interests, and 6) a cover letter. Review of applications will begin on November 1, 2022 and continue until the position is filled.

Reference Requirements
3-5 required (contact information only)

The University of California is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the University of California Nondiscrimination & Affirmative Action Policy.
Professional Opportunities

University of California, Los Angeles

Assistant Professor Computational Social Science

The Department of Computer Science at the University of California, Los Angeles (UCLA) Department of Communication invites applications for a tenure track appointment at the level of Assistant Professor with an emphasis on developing and/or applying computational social science methods to study communication. Potential areas of research include (but are by no means limited to) agent-based or other computational modeling, network science, machine learning, artificial intelligence, natural language processing, analysis of large audio and/or video datasets, gathering and analysis of digital trace data, and the use of virtual lab or field experiments.

Interested candidates should view full posting and submit application materials via UC Recruit at: https://recruit.apo.ucla.edu/apply/JPF07843.

University of California, Irvine

Open Rank Faculty Positions in Computer Science

The Department of Computer Science at the University of California, Irvine (CS@UCI) invites applicants for three tenure-track/tenured faculty positions at the assistant, associate, or full rank starting July 1, 2023.

Systems: This faculty search targets applicants with a research track record and interests in computer systems (broadly defined), with an emphasis on security and privacy. https://recruit.ap.uci.edu/JPF07848

AI/ML: This faculty search targets applicants with research expertise in all aspects of artificial intelligence and machine learning, broadly interpreted. https://recruit.ap.uci.edu/JPF07847

Bioinformatics: This faculty search targets applicants with research background in bioinformatics, broadly defined to be in the general area of applying computational and/or machine learning methods to study biology and/or medicine. https://recruit.ap.uci.edu/JPF07856

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

University of California, Merced

Assistant Professor in Computer Science & Engineering

The Department of Computer Science and Engineering at UC Merced seeks applicants for a tenure-track position at the Assistant Professor level beginning
Teaching Professor to coordinate and teach undergraduate courses in Computer Science and Engineering. We seek candidates who have demonstrated that they are promising educators, and who are interested in a teaching-focused career.

The job title is also known as Lecturer with Potential Security of Employment (LPSOE). This series parallels that of the research-focused series but with emphasis upon excellence in teaching and other instruction-related activities. Individuals in the position are expected provide outstanding teaching; maintain an active program of pedagogical and/or disciplinary scholarship; and perform service related to the pedagogical mission of the department and university. This appointment confers membership in the Academic Senate, and, contingent upon promotion, tenure-paralleling security of employment. We are particularly interested in attracting academically and culturally diverse candidates, especially those who have engaged in activities or efforts to educate a broad and diverse group of students and have worked to increase the participation and success of students from groups underrepresented in computer science.

July 1, 2023. Priority will be given to candidates in the areas of: Artificial Intelligence; Computer Graphics and Animation; Cryptography; Data Science and Engineering, including Databases, Data Management, Data Mining; Game Computing; Machine Learning; Natural Language Processing; Operating Systems; Programming Languages; Quantum Computing; Robotics; Security and Privacy; Software Engineering; Theoretical Computer Science; and Virtual/Augmented Reality. However, exceptional candidates in all areas will be considered.

The Department seeks candidates who demonstrate both a record of outstanding scholarship and contributions to diversity, equity, and inclusion. We are particularly interested in attracting candidates who can contribute to the growing diversity and excellence of the community through their teaching, scholarship, and service.

The position will remain open until filled. However, to ensure consideration, applications should be received by November 15, 2022.

Applications will be submitted via https://aprecruit.ucmerced.edu/JPF0I423.

Starting dates are negotiable.

Inquiries and questions should be sent to csesearch@ucmerced.edu.

University of California, Merced

Assistant Teaching Professor in Computer Science & Engineering

The University of California, Merced invites applications for a qualified Assistant Teaching Professor to coordinate and teach undergraduate courses in Computer Science and Engineering. We seek candidates who have demonstrated that they are promising educators, and who are interested in a teaching-focused career.

The job title is also known as Lecturer with Potential Security of Employment (LPSOE). This series parallels that of the research-focused series but with emphasis upon excellence in teaching and other instruction-related activities. Individuals in the position are expected provide outstanding teaching; maintain an active program of pedagogical and/or disciplinary scholarship; and perform service related to the pedagogical mission of the department and university. This appointment confers membership in the Academic Senate, and, contingent upon promotion, tenure-paralleling security of employment. We are particularly interested in attracting academically and culturally diverse candidates, especially those who have engaged in activities or efforts to educate a broad and diverse group of students and have worked to increase the participation and success of students from groups underrepresented in computer science.

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University of California, Merced

Assistant Teaching Professor in Computer Science & Engineering

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University of California, Merced

Assistant Teaching Professor in Computer Science & Engineering

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The position will remain open until filled. However, to ensure consideration, applications should be received by November 15, 2022.

Applications will be submitted via https://aprecruit.ucmerced.edu/JPF0I423.

Starting dates are negotiable.

Inquiries and questions should be sent to csesearch@ucmerced.edu.

University of California, Merced

Assistant Teaching Professor in Computer Science & Engineering

The University of California, Merced invites applications for a qualified Assistant Teaching Professor to coordinate and teach undergraduate courses in Computer Science and Engineering. We seek candidates who have demonstrated that they are promising educators, and who are interested in a teaching-focused career.

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The position will remain open until filled. However, to ensure consideration, applications should be received by November 15, 2022.

Applications will be submitted via https://aprecruit.ucmerced.edu/JPF0I423.

Starting dates are negotiable.

Inquiries and questions should be sent to csesearch@ucmerced.edu.

University of California, Merced

Assistant Teaching Professor in Computer Science & Engineering

The University of California, Merced invites applications for a qualified Assistant Teaching Professor to coordinate and teach undergraduate courses in Computer Science and Engineering. We seek candidates who have demonstrated that they are promising educators, and who are interested in a teaching-focused career.

The job title is also known as Lecturer with Potential Security of Employment (LPSOE). This series parallels that of the research-focused series but with emphasis upon excellence in teaching and other instruction-related activities. Individuals in the position are expected provide outstanding teaching; maintain an active program of pedagogical and/or disciplinary scholarship; and perform service related to the pedagogical mission of the department and university. This appointment confers membership in the Academic Senate, and, contingent upon promotion, tenure-paralleling security of employment. We are particularly interested in attracting academically and culturally diverse candidates, especially those who have engaged in activities or efforts to educate a broad and diverse group of students and have worked to increase the participation and success of students from groups underrepresented in computer science.

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The Department seeks candidates who demonstrate both a record of outstanding scholarship and contributions to diversity, equity, and inclusion. We are particularly interested in attracting candidates who can contribute to the growing diversity and excellence of the community through their teaching, scholarship, and service.

The position will remain open until filled. However, to ensure consideration, applications should be received by November 15, 2022.

Applications will be submitted via https://aprecruit.ucmerced.edu/JPF0I423.

Starting dates are negotiable.

Inquiries and questions should be sent to csesearch@ucmerced.edu.
University of California, Riverside

Open Rank Faculty Positions in Electrical and Computer Engineering (Robotics, Biomedical and Computational Imaging)

Applications will be submitted via https://aprecruit.ucmerced.edu/JPF01422.

Inquiries and questions should be sent to csesearch@ucmerced.edu.

The position will remain open until filled. However, to ensure consideration, applications should be received by November 15, 2022.

Lecturer PSOE in Computer Science

Job# JPF02293 - Computer Science / College of Engineering / UC Santa Barbara

POSITION OVERVIEW:
Anticipated Start: 07/01/2023

APPLICATION WINDOW:
Open Date: October 10, 2022

Next Review Date: Friday, Dec 2, 2022 at 11:59pm (Pacific Time) Apply by this date to ensure full consideration by the committee.

Final Date: Friday, Jun 30, 2023 at 11:59pm (Pacific Time) Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

POSITION DESCRIPTION:
The Department of Computer Science at the University of California, Santa Barbara invites applications for a Lecturer with Potential Security of Employment. A successful candidate is expected to excel in undergraduate education and must demonstrate a commitment to equity and inclusion in higher education. The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service as appropriate to the position.

At UC Santa Barbara, lecturers with Potential Security of Employment carry equivalent rights and responsibilities as the traditional tenure-track faculty. The position is to begin with the 2023-24 academic year and salary will be commensurate with experience.

QUALIFICATIONS:
Basic Qualifications: (required at time of application)
In order to be considered, applicants should have completed all requirements for a PhD (or equivalent) in Computer Science, Computer Engineering or a related field, except the dissertation (or equivalent) at the time of application.

Additional Qualifications: (required at time of start)
PhD degree must be conferred by the time of appointment.

Preferred Qualifications:
Applicants will show outstanding potential and have a strong commitment to excellence in undergraduate education and innovative and effective approaches to supporting a diverse set of students, and mentoring will be preferred.

The primary criteria for this position are teaching ability of exceptional quality and enthusiasm for teaching a variety of computer science and data science undergraduate courses, along with a broad knowledge in computer science, data science, and its applications. A successful applicant should also be committed to student mentoring and curriculum development. Research, although not a requisite for these positions, is acknowledged and credited.

APPLICATION REQUIREMENTS:
Document Requirements:
• Curriculum Vitae - Your most recently updated CV.
• Cover Letter
• Statement of Research (Optional)
• Statement of Teaching
• Statement of Contributions to Diversity - Statement addressing past and/or potential contributions to diversity through research, teaching, and/or service.

Reference Requirements:
• 3-5 letters of reference required
Reference letters will be assessed to determine commitment to teaching and diversity.

Help Contact: dmordyke@ucsb.edu

Apply Here: https://apptkr.com/3526804

CAMPUS INFORMATION:
The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. https://policy.ucop.edu/doc/5000695/SARS-CoV-2_Covid-19

All Covered Individuals under the policy must provide proof of full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

JOB LOCATION: Santa Barbara, CA
The Department of Electrical and Computer Engineering at the University of California, Riverside invites applications for multiple open-rank faculty positions in the areas of (1) Biomedical and Computational Imaging with an emphasis on medical and biological image analysis, signal/image processing, and machine learning for biomedical applications, and computational methods for smart health and (2) Robotics with emphasis on all computational aspects, including perception, computer vision, planning, learning, and formal methods for robotics. Exceptional candidates in other related areas will also be considered. The Robotics search will be conducted jointly with the Department of Computer Science and Engineering.

To apply for the position interested individuals are required to submit a cover letter, a curriculum vitae, three letters of reference or contact information for three references, a Statement of Research, a Statement of Teaching, and a Contribution to Diversity Statement to the AP Recruit website.

Applications must have a Ph.D. in Electrical and Computer Engineering, Biomedical Engineering, Computer Science, or a closely related field by the time of appointment, which is expected to begin on July 1, 2023. Salary will be commensurate with education and experience.

Advancement through the faculty ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

Applications for biomedical/computational imaging positions may be submitted using the link found on the AP Recruit website: https://aprecruit.uc.edu/JPF01638.

Applications for Robotics positions may be submitted using the link found on the AP Recruit website: https://aprecruit.uc.edu/JPF01633. Please note that the search for robotics is conducted jointly with the Department of Computer Science and Engineering.

Review of applications will begin December 1, 2022, and will continue until the positions are filled.

University of California COVID-19 Vaccination Program Policy:

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

University of Central Arkansas

Assistant Professors of Cybersecurity

The Department of Computer Science and Engineering at the University of Central Arkansas is seeking candidates for two tenure-track Assistant Professors in Cybersecurity, Cybersecurity Engineering, or Cyber Engineering beginning in January or August 2023. Currently, the department has 13 full-time faculty members and offers BS programs in Computer Science (accredited by the ABET CAC), Computer Engineering, Cybersecurity, and Data Science, as well as an MS program in Computer Science.

Applications for biomedical/computational imaging positions may be submitted using the link found on the AP Recruit website: https://aprecruit.uc.edu/JPF01638.

Applications for Robotics positions may be submitted using the link found on the AP Recruit website: https://aprecruit.uc.edu/JPF01633. Please note that the search for robotics is conducted jointly with the Department of Computer Science and Engineering.

Review of applications will begin December 1, 2022, and will continue until the positions are filled.

University of California COVID-19 Vaccination Program Policy:

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.
Clinical Professor of Computer Science
(Open-Rank) (Systems):

http://apply.interfolio.com/115220

Review of applications will begin on November 17, 2022 and will continue until the position is filled.

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination. (https://www.uchicago.edu/about/non_discrimination_statement/) Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-1032 or email equalopportunity@uchicago.edu with their request.
University of Chicago

Full-time Teaching Position in Professional Computer Science programs (Areas: Programming/Databases/Data Science)

The MS in Computational Analysis and Public Policy (MSCAPP) program and the Masters Program in Computer Science (MPCS) in the Department of Computer Science at the University of Chicago invite applications for the position of full-time Clinical Professor (open rank) to teach classes in both the MSCAPP and MPCS programs. The search is open with respect to subfield, but we encourage applications from practitioners and educators in the fields of Introductory Programming, Machine Learning, and/or Databases.

The selected candidate will be appointed as Assistant Clinical Professor, Associate Clinical Professor, or Clinical Professor, depending on qualifications. The “Clinical” appointment is a full-time teaching-track position used in professionally-oriented programs at the University of Chicago. It is unrelated to clinics in a medical sense.

This full-time, benefits-eligible appointment is for an initial term of up to five years, with possibility of renewal. This is a teaching position with no research responsibilities, and a teaching load of six courses across three academic quarters of the year (Autumn, Winter, Spring).

The Masters Program in Computer Science offers a comprehensive and professionally-oriented computer science education that combines the foundations of computer science with the applied and in-demand skills necessary for careers in technology. Our rigorous curriculum covers theory, programming, and applications and is targeted for students interested in tech careers in Software Engineering, Data Analytics, Product Management and Application Development.

MSCAPP is a professionally-oriented program offered jointly by the Department of Computer Science and the Harris School of Public Policy, and is designed for students seeking to leverage the power of technology and data science within the field of public policy. Through a highly interdisciplinary curriculum and opportunities for applied experience, students build expertise across the realms of computer science, data science, statistics, and public policy analysis, and ultimately embark on a career using modern tools to make a positive social impact within the public and non-profit sector.

Courses in both programs are held for nine weeks during each academic quarter, with the tenth week for a final project or exam. Instruction is expected to be primarily in person, with some limited opportunities to offer remote or hybrid courses.

The person holding this position must be able to teach Discrete Mathematics and Algorithms, and could also teach additional classes such as Intermediate Algorithms, Advanced Algorithms, and Foundations of Computational Data Analysis. Syllabi for past offerings of these classes can be found at https://mpcs-courses.cs.uchicago.edu/ Depending on the applicant’s background and interests, the person holding this position may also be asked to teach other classes in the MPCS.

Applicants must have one of the following:

A doctorate in Computer Science or a related field at the time of appointment, or
A masters degree and 4 years of relevant professional experience, or
A bachelor’s degree and 8 years of relevant professional experience.

Work experience in the public or non-profit sector, particularly in roles related to computation and technology, and academic degree(s) in Public Policy or a related field are preferred.

Applications must be submitted online through the University of Chicago’s Interfolio website:

Clinical Professor of Computer Science (Open-Rank) (CAPP/MPCS):

https://apply.interfolio.com/115503

Review of applications will begin on November 17, 2022 and will continue until the position is filled.

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

The University of Chicago is an Affirmative Action/Equal Opportunity/
Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination. [https://www.uchicago.edu/about/non_discrimination_statement/]

Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-1032 or email equalopportunity@uchicago.edu with their request.

**University of Chicago**

**Associate Professor of Computer Science**

The Department of Computer Science in the Physical Sciences Division at the University of Chicago invites applications for tenured faculty positions at the rank of Associate Professor. The search is open with respect to subfield, but we encourage applications from investigators working in Computer Systems, Quantum Computing, Robotics, Theoretical Computer Science and Visual Computing.

Members of the faculty are expected to lead research programs that will produce significant contributions to a field, and teach and mentor at the undergraduate and graduate levels.

The Department of Computer Science (cs.uchicago.edu) is the hub of a large, diverse community of researchers focused on advancing the foundations of computing and driving its most advanced applications. The larger computer science community at the University of Chicago includes the Data Science Institute (jointly run by the departments of computer science and statistics), the Toyota Technological Institute at Chicago (TTIC), the Polsky Center for Entrepreneurship and Innovation, and Argonne National Laboratory. We encourage connections with researchers across the university in such areas as bioinformatics, data science, mathematics, molecular engineering, linguistics, statistics, public policy, and social science, among others: the University’s culture is highly collaborative.

The University of Chicago is in the midst of an ambitious, multi-year effort to significantly expand its computing and data science activities. The Department of Computer Science is housed in a newly-designed, state-of-the-art building that encourages collaboration, experimentation and interaction.

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

**Qualifications**

Completion of all requirements for a Ph.D. in Computer Science or a related field is required at the time of appointment. Candidates must have evidence of leadership in their field and successful independent research.

**Application Instructions**

Applications must be submitted online through the University of Chicago’s Academic Jobs website: [apply.interfolio.com/115598](https://apply.interfolio.com/115598).

Review of applications will begin on November 15, 2022 and will continue until all positions are filled.

The following materials are required:

- cover letter;
- curriculum vitae including a list of publications;
- statement describing past and current research accomplishments and outlining future research plans;
- description of teaching and mentoring philosophy and experience.

The following materials are optional:

- up to three sample publications;
- names of three or more people who can provide confidential letters of recommendation.

**Equal Employment Opportunity Statement**

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at [https://provost.uchicago.edu/statements-diversity](https://provost.uchicago.edu/statements-diversity).

The University of Chicago is an Affirmative Action/Equal Opportunity/
Review of applications will begin on November 15, 2022 and will continue until all positions are filled.

The following materials are required:
- cover letter;
- curriculum vitae including a list of publications;
- statement describing past and current research accomplishments and outlining future research plans;
- description of teaching and mentoring philosophy and experience;
- applicants are required to request at least three confidential letters of recommendation via Interfolio.

The following materials are optional:
- up to three sample publications.

**Equal Employment Opportunity Statement**
We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination.

Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email equalopportunity@uchicago.edu with their request.
University of Chicago

Professor of Data Science

The University of Chicago invites applications for tenured faculty positions at the rank of Professor in the area of Data Science. Appointments may be made in either the Department of Computer Science or the Department of Statistics, jointly between Statistics and Computer Science, or jointly with another department in the University.

The University of Chicago is implementing an ambitious plan for research and education in Data Science including new academic programs at the undergraduate and graduate levels and new cross-disciplinary research programs. The Data Science Institute (datascience.uchicago.edu) is a collaboration among the Department of Computer Science(cs.uchicago.edu), the Department of Statistics(stat.uchicago.edu), and other units on campus. Topics of interest include artificial intelligence, machine learning, data visualization, fairness and data ethics, societal impact of data, data engineering, natural language processing, and high dimensional statistical inference, but we encourage applications from all researchers focused on developing the foundations and practice of Data Science as an emerging field. The Data Science Institute focuses on research that advances fundamental theories at the intersection of data science, artificial intelligence, statistics, and computing in the context of real world and domain-specific problems. The larger data science community at the University of Chicago includes the Toyota Technological Institute at Chicago (TTIC), the Polsky Center for Entrepreneurship and Innovation, and Argonne National Laboratory.

Members of the faculty are expected to lead research programs that will produce significant contributions to a field, and teach and mentor at the undergraduate and graduate levels.

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

Qualifications

Completion of all requirements for a Ph.D. in Computer Science, Statistics, or a related field is required at the time of appointment. Candidates must have evidence of leadership in their field and successful independent research.

Application Instructions

Applications must be submitted online through the University of Chicago’s Academic Jobs website: http://apply.interfolio.com/115670.

Review of applications will begin on November 15, 2022 and will continue until all positions are filled.

The following materials are required:

- cover letter;
- curriculum vitae including a list of publications;
- statement describing past and current research accomplishments and outlining future research plans;
- description of teaching and mentoring philosophy and experience.

The following materials are optional:

- up to three sample publications;
- names of three or more people who can provide confidential letters of recommendation

Equal Employment Opportunity Statement

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color,
University of Chicago

Full-time Teaching Position in Masters Program in Computer Science (Area: Discrete Math / Algorithms)

The Masters Program in Computer Science (MPCS) in the Department of Computer Science at the University of Chicago invites applications for the position of full-time Clinical Professor (open rank) to teach classes on discrete mathematics, algorithms, and other computer science theory topics in the MPCS. The selected candidate will be appointed as Assistant Clinical Professor, Associate Clinical Professor, or Clinical Professor, depending on qualifications. The “Clinical” appointment is a full-time teaching-track position used in professionally-oriented programs at the University of Chicago. It is unrelated to clinics in a medical sense.

This full-time, benefits-eligible appointment is for an initial term of up to five years, with possibility of renewal. This is a teaching position with no research responsibilities, and a teaching load of six courses across three academic quarters of the year (Autumn, Winter, Spring).

The Masters Program in Computer Science offers a comprehensive and professionally-oriented computer science education that combines the foundations of computer science with the applied and in-demand skills necessary for careers in technology. Our rigorous curriculum covers theory, programming, and applications and is targeted for students interested in tech careers in Software Engineering, Data Analytics, Product Management and Application Development.

Courses are held for nine weeks during each academic quarter, with the tenth week for a final project or exam. Instruction is expected to be primarily in person, with some limited opportunities to offer remote or hybrid courses.

The person holding this position must be able to teach Discrete Mathematics and Algorithms, and could also teach additional classes such as Intermediate Algorithms, Advanced Algorithms, and Foundations of Computational Data Analysis. Syllabi for past offerings of these classes can be found at [https://mpcs-courses.cs.uchicago.edu/](https://mpcs-courses.cs.uchicago.edu/) Depending on the applicant’s background and interests, the person holding this position may also be asked to teach other classes in the MPCS.

Applicants must have one of the following:

- A doctorate in Computer Science or a related field at the time of appointment, or
- A masters degree and 4 years of relevant professional experience, or
- A bachelor’s degree and 8 years of relevant professional experience.

Applications must be submitted online through the University of Chicago’s Interfolio website:

**Clinical Professor of Computer Science (Open-Rank) (Theory):**

[http://apply.interfolio.com/115224](http://apply.interfolio.com/115224)

Review of applications will begin on November 17, 2022 and will continue until the position is filled.

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at [https://provost.uchicago.edu/statements-diversity](https://provost.uchicago.edu/statements-diversity).

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination. ([https://www.uchicago.edu/about/non_discrimination_statement/](https://www.uchicago.edu/about/non_discrimination_statement/))
Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-1032 or email equalopportunity@uchicago.edu with their request.

University of Chicago

Assistant Professor of Data Science

The University of Chicago invites applications for tenure-track faculty positions at the rank of Assistant Professor in the area of Data Science. Appointments may be made in either the Department of Computer Science or the Department of Statistics, jointly between Statistics and Computer Science, or jointly with another department in the University.

The University of Chicago is implementing an ambitious plan for research and education in Data Science including new academic programs at the undergraduate and graduate levels and new cross-disciplinary research programs. The Data Science Institute (datascience.uchicago.edu) is a collaboration among the Department of Computer Science (cs.uchicago.edu), the Department of Statistics (stat.uchicago.edu), and other units on campus. Topics of interest include artificial intelligence, machine learning (stat.uchicago.edu), data visualization, fairness and data ethics, societal impact of data, data engineering, natural language processing, and high dimensional statistical inference, but we encourage applications from all researchers focused on developing the foundations and practice of Data Science as an emerging field. The Data Science Institute focuses on research that advances fundamental theories at the intersection of data science, artificial intelligence, statistics, and computing in the context of real world and domain-specific problems. The larger data science community at the University of Chicago includes the Toyota Technological Institute at Chicago (ITIC), the Polsky Center for Entrepreneurship and Innovation, and Argonne National Laboratory.

Members of the faculty are expected to lead research programs that will produce significant contributions to a field, and teach and mentor at the undergraduate and graduate levels.

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

Qualifications

Completion of all requirements for a Ph.D. in Computer Science, Statistics, or a related field is required at the time of appointment.

Application Instructions

Applications must be submitted online through the University of Chicago’s Academic Jobs website: http://apply.interfolio.com/115664.

Review of applications will begin on November 15, 2022 and will continue until all positions are filled.

The following materials are required:

• cover letter;
• curriculum vitae including a list of publications;
• statement describing past and current research accomplishments and outlining future research plans;
• description of teaching and mentoring philosophy and experience;
• applicants are required to request at least three confidential letters of recommendation via Interfolio.

The following materials are optional:

• up to three sample publications

Equal Employment Opportunity Statement

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination.
Professional Opportunities

Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email equalopportunity@uchicago.edu with their request.

University of Chicago
Associate Professor of Data Science

The University of Chicago invites applications for tenured faculty positions at the rank of Associate Professor in the area of Data Science. Appointments may be made in either the Department of Computer Science or the Department of Statistics, jointly between Statistics and Computer Science, or jointly with another department in the University.

The University of Chicago is implementing an ambitious plan for research and education in Data Science including new academic programs at the undergraduate and graduate levels and new cross-disciplinary research programs. The Data Science Institute (datascience.uchicago.edu) is a collaboration among the Department of Computer Science (cs.uchicago.edu), the Department of Statistics (stat.uchicago.edu), and other units on campus. Topics of interest include artificial intelligence, machine learning, data visualization, fairness and data ethics, societal impact of data, data engineering, natural language processing, and high dimensional statistical inference, but we encourage applications from all researchers focused on developing the foundations and practice of Data Science as an emerging field. The Data Science Institute focuses on research that advances fundamental theories at the intersection of data science, artificial intelligence, statistics, and computing in the context of real world and domain-specific problems. The larger data science community at the University of Chicago includes the Toyota Technological Institute at Chicago (TTIC), the Polsky Center for Entrepreneurship and Innovation, and Argonne National Laboratory.

Members of the faculty are expected to lead research programs that will produce significant contributions to a field, and teach and mentor at the undergraduate and graduate levels.

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

Qualifications
Completion of all requirements for a Ph.D. in Computer Science, Statistics, or a related field is required at the time of appointment. Candidates must have evidence of leadership in their field and successful independent research.

Application Instructions
Applications must be submitted online through the University of Chicago’s Academic Jobs website: http://apply.interfolio.com/115667.

Review of applications will begin on November 15, 2022 and will continue until all positions are filled.

The following materials are required:

- cover letter;
- curriculum vitae including a list of publications;
- statement describing past and current research accomplishments and outlining future research plans;
- description of teaching and mentoring philosophy and experience.

The following materials are optional:

- up to three sample publications;
- names of three or more people who can provide confidential letters of recommendation.

Equal Employment Opportunity Statement
We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

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Professional Opportunities

Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email equalopportunity@uchicago.edu with their request.

University of Chicago
Professor of Computer Science

The Department of Computer Science in the Physical Sciences Division at the University of Chicago invites applications for tenured faculty positions at the rank of Professor. The search is open with respect to subfield, but we encourage applications from investigators working in Computer Systems, Quantum Computing, Robotics, Theoretical Computer Science and Visual Computing.

Members of the faculty are expected to lead research programs that will produce significant contributions to a field, and teach and mentor at the undergraduate and graduate levels.

The Department of Computer Science (cs.uchicago.edu) is the hub of a large, diverse community of researchers focused on advancing the foundations of computing and driving its most advanced applications. The larger computer science community at the University of Chicago includes the Data Science Institute (jointly run by the departments of computer science and statistics), the Toyota Technological Institute at Chicago (TTIC), the Polsky Center for Entrepreneurship and Innovation, and Argonne National Laboratory. We encourage connections with researchers across the university in such areas as bioinformatics, data science, mathematics, molecular engineering, linguistics, statistics, public policy, and social science, among others: the University’s culture is highly collaborative.

The University of Chicago is in the midst of an ambitious, multi-year effort to significantly expand its computing and data science activities. The Department of Computer Science is housed in a newly-designed, state-of-the-art building that encourages collaboration, experimentation and interaction.

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

Qualifications
Completion of all requirements for a Ph.D. in Computer Science or a related field is required at the time of appointment. Candidates must have evidence of leadership in their field and successful independent research.

Application Instructions
Applications must be submitted online through the University of Chicago’s Academic Jobs website: apply.interfolio.com/115599

Review of applications will begin on November 15, 2022 and will continue until all positions are filled.

The following materials are required:
• cover letter;
• curriculum vitae including a list of publications;
• statement describing past and current research accomplishments and outlining future research plans;
• description of teaching and mentoring philosophy and experience;
• up to three sample publications;
• names of three or more people who can provide confidential letters of recommendation.

Equal Employment Opportunity Statement

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

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Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email equalopportunity@uchicago.edu with their request.
University of Cincinnati
Assistant Professor
The School of Information Technology at the University of Cincinnati seeks to hire three tenure-track Assistant Professors advancing research in the practical, applied, and technical dimensions of securing systems and information, championing technological innovation, as well as engaging in new evidence-based approaches in IT industry with interdisciplinary collaborations.

For full job description and details on how to apply online, please visit [https://jobs.uc.edu](https://jobs.uc.edu) and search keyword: 88606.

University of Cincinnati
Assistant/Associate/Full Professor
The University of Cincinnati (UC) Department of Computer Science (CS) invites applications for multiple full time tenured or tenure-track positions at the Assistant, Associate, or Full Professor levels with the possibility to begin as early as January 1, 2023. We seek candidates in the areas of computer science, such as, but not limited to:

- Artificial Intelligence (AI)
- Cybersecurity
- Internet of Things (IoT)

Rank, salary, and startup funding commensurate with credentials.

Apply Now: [https://jobs.uc.edu/job-invite/88770/](https://jobs.uc.edu/job-invite/88770/)

University of Colorado Boulder
Tenure-Track Faculty in Computer Engineering
The College of Engineering and Applied Science (CEAS) at the University of Colorado Boulder is currently seeking applications for a tenure-track faculty position in computer engineering, broadly defined. All topics within the broad area of computer engineering are encouraged to apply. A successful candidate will develop vigorous, externally funded research programs in their technical areas, engage in undergraduate and graduate teaching, and contribute professional service. We are especially interested in qualified candidates who can contribute, through their research, teaching, and service, to the diversity and excellence of our academic community.

A successful finalist may choose their tenure home in any appropriate department within the college with the two most likely options being the Department of Electrical, Computer and Energy Engineering or the Department of Computer Science. The full salary range is $100,000 - $180,000 dependent on rank and tenure home.

Applications received by or on November 15, 2022 will receive full consideration. Applications will be accepted until the position is filled.

Application materials will not be accepted via email. For consideration, applications must be submitted through [CU Boulder Jobs](https://www.colorado.edu/jobs/).

University of Colorado Denver
Senior Instructor, or Assistant Professor (open rank)
The Department of Computer Science and Engineering at the University of Colorado Denver invites applications for multiple non-tenure track faculty positions at the level of Instructor, Senior Instructor, or Assistant Professor (open rank), Clinical Teaching Track. The major responsibility of individuals in these positions will be developing and teaching courses in the undergraduate Cybersecurity program.

For more information and to apply, go to [https://cu.taleo.net/careersection/2/jobdetail.ftl?job=23840&lang=en](https://cu.taleo.net/careersection/2/jobdetail.ftl?job=23840&lang=en).

Applications are accepted electronically ONLY.

University of Georgia
Assistant/Associate Professor Position in Computer Science
The School of Computing at the University of Georgia invites applications for a tenure-track Assistant/Associate Professor position starting August 2023. Applicants should hold a Ph.D. in Computer Science or a related field at the time of appointment. We especially seek candidates specializing in one of the following areas of research: Web Security and Privacy, Computational Science and High-Performance Computing, Machine Learning and Data Science, Graphics and Visualization, Human Computer Interactions (HCI). The ideal candidate for
Professional Opportunities

this position will have a strong research record in one of the above areas and demonstrate commitment to excellence in both research and teaching.

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see https://computing.uga.edu/ for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state's oldest, most comprehensive, and most diversified institution of higher education (http://www.uga.edu). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

UGA is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society's most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to https://www.ugajobsearch.com/postings/285646 and upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate’s commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.
6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia
Assistant Professor Position in Applied Cryptography

The School of Computing at the University of Georgia invites applications for a tenure-track Assistant Professor position starting August 2023. Applicants should hold a Ph.D. in Computer Science or related field at the time of appointment. The ideal candidate for this position will have a strong research background/record in Applied Cryptography and show a commitment to excellence in both research and teaching. We especially seek candidates specializing in Computing and Learning over Encrypted Data, but we welcome applications addressing all facets of Applied Cryptography from qualified candidates.

The University of Georgia (UGA) is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society’s most urgent challenges. To this end,
Professional Opportunities

UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

Within UGA’s broad initiative, the School of Computing, in collaboration with the Department of Mathematics and the UGA Institute for Cybersecurity and Privacy, has established a cluster hire initiative on Secure AI Systems that can support a variety of sensitive applications, including secure, privacy-preserving, and efficient learning for biomedical and biological applications. This cluster hire initiative aims to hire four new faculty members over two years in the following areas of research: Computer Vision, High-Performance AI Systems, Cryptography (in the Department of Mathematics), and Applied Cryptography with applications to Machine Learning systems and algorithms (this position).

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and MS degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see https://computing.uga.edu/ for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state’s oldest, most comprehensive, and most diversified institution of higher education (http://www.uga.edu). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to https://www.ugajobsearch.com/postings/279983 and upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate’s commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.
6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia
Assistant Professor Position in High-Performance AI Systems

The School of Computing at the University of Georgia invites applications for a tenure-track Assistant Professor position starting August 2023. Applicants should hold a Ph.D. in Computer Science or a related field at the time of appointment. The ideal candidate for this position will have a strong research record in High-Performance and/or Distributed Computing Systems and demonstrate commitment to excellence in both research and teaching. We especially seek candidates...
specializing in High-Performance and Distributed Computing Systems for AI and Machine Learning applications. However, we welcome applications addressing all facets of High-Performance Computing and Distributed Computing systems from qualified candidates.

The University of Georgia (UGA) is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society’s most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

Within UGA’s broad initiative, the School of Computing, in collaboration with the Department of Mathematics and the UGA Institute for Cybersecurity and Privacy, has established a cluster hire initiative on Secure AI Systems that can support a variety of sensitive applications, including secure, privacy-preserving, and efficient learning for biomedical and biological applications. This cluster hire initiative aims to hire four new faculty members over two years in the following areas of research: Computer Vision, High-Performance AI Systems (this position), Cryptography, and Applied Cryptography with applications to Machine Learning.

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see https://computing.uga.edu/ for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state’s oldest, most comprehensive, and most diversified institution of higher education (http://www.uga.edu). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to https://www.ugajobsearch.com/postings/279981 and upload the following:

1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate’s commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.

6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia
Open Rank Tenure-track Faculty Positions in Machine Learning

The School of Computing at the University of Georgia invites applications for two
Professional Opportunities

open rank tenure-track faculty positions at the Assistant, Associate, or Full Professor level. These positions will start on August 1, 2023. Candidates must be approved for tenure upon appointment before hire. Candidates considered for the associate or full professor rank must have qualifications and academic credentials that are commensurate with the promotion and tenure guidelines at the University of Georgia. These guidelines can be found at https://provost.uga.edu/faculty-affairs/promotion-tenure/

Applicants should hold a Ph.D. in Computer Science or a related field at the time of appointment. The ideal candidates for these two positions will have a strong research record in Machine Learning and demonstrate commitment to excellence in both research and teaching. We especially seek candidates specializing in Machine Learning with a focus on the Internet-of-Things and in the areas of Machine Learning with a focus on embedded systems. However, we welcome applications addressing all facets of Machine Learning from qualified candidates.

The University of Georgia (UGA) is making significant investments in Artificial Intelligence (AI) and Data Science to address some of society’s most urgent challenges. To this end, UGA has established the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and AI, which aims to recruit 50 new faculty members over two years who will educate students and advance research in Data Science and AI, including both foundational research and applied research in cross-cutting areas such as cybersecurity, cyber-physical systems, infectious diseases, integrative precision agriculture, ethics, resilient communities, and the environment.

Within UGA’s broad initiative, the School of Computing, in collaboration with the other Schools in the College of Engineering at UGA, has identified a strong need for growth in the areas of Machine Learning with applications within the areas of Internet of Things and embedded systems.

The School of Computing (SoC) is a growing and congenial school of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, and 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Data Science, and an M.S. degree in Cybersecurity and Privacy. The teaching load allows for substantial concentration on research. In addition to the areas in which we are recruiting, our faculty cover a broad range of research interests, including algorithms, artificial intelligence, bioinformatics, brain imaging and mapping, computer security, computational science and high-performance computing, computer vision, data privacy, distributed and real-time systems, machine learning, parallel and distributed computing, robotics, simulation, and semantic web. Please see https://computing.uga.edu/ for more information about the SoC and the university.

The University of Georgia (UGA), a land-grant and sea-grant university with statewide commitments and responsibilities, is the state’s oldest, most comprehensive, and most diversified institution of higher education (http://www.uga.edu). UGA is currently ranked among the top 16 public universities in U.S. News & World Report.

The SoC and UGA are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disability are encouraged to apply. UGA is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply for Machine Learning with a focus on the Internet-of-Things, please go to https://www.ugajobsearch.com/postings/285197.

To apply for Machine Learning with a focus on embedded systems, please go to https://www.ugajobsearch.com/postings/285196.

Please upload the following:
1. Cover letter
2. Curriculum vitae
3. Statement of research interests
4. Statement of teaching philosophy
5. A statement describing the candidate’s
Professional Opportunities

commitment to diversity, equity, and inclusion as evidenced by scholarship, teaching, and/or service endeavors as well as the creation of an equitable and inclusive professional environment.

6. Provide names and emails for three references as part of the application.

All applications received by December 01, 2022, will receive full consideration.

University of Georgia

Lecturer Position in Computer Science

The School of Computing at the University of Georgia invites applications for four full-time, non-tenure track Lecturer positions starting August 2023. The responsibilities of each position include teaching foundational courses in the undergraduate major. Lecturer candidates should hold a Ph.D. degree in Computer Science or a related field. Scholarly credentials should reflect a strong commitment to teaching computer science courses at the undergraduate level. This rank has opportunity for promotion to Senior Lecturer and Principal Lecturer.

The School of Computing (SoC) is a growing and congenial department of 34 faculty within the Franklin College of Arts and Sciences and the College of Engineering. The SoC has nearly 1,500 undergraduate students, more than 235 graduate students, and offers the B.S., M.S., and Ph.D. degrees in Computer Science, as well as a B.S. and M.S. degrees in Data Science, and an MS degree in Cybersecurity and Privacy. Please see computing.uga.edu for more information about the department and the university.

The School of Computing and the University of Georgia are committed to increasing the diversity of its faculty and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, protected veterans, and individuals with disabilities are encouraged to apply. The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.

To apply, please go to www.ugajobsearch.com/postings/279979. Please upload a cover letter, curriculum vitae, and short statements of teaching portfolio/philosophy. Please provide the names and emails for three references as part of your application.

All applications received by November 15, 2022, will receive full consideration.

University of Illinois Chicago

Teaching Track Faculty Openings in Computer Science

About the University of Illinois at Chicago

UIC is among the nation’s preeminent urban public research universities, a Carnegie RU/VH research institution, and the largest university in Chicago. UIC serves over 34,000 students, comprising one of the most diverse student bodies in the nation and is designated as a Minority Serving Institution (MSI), an Asian American and Native American Pacific Islander Serving Institution (AANAPSI) and a Hispanic Serving Institution (HSI). Through its 16 colleges, UIC produces nationally and internationally recognized multidisciplinary academic programs in concert with civic, corporate and community partners worldwide, including a full complement of health sciences colleges. By emphasizing cutting-edge and transformational research along with a commitment to the success of all students, UIC embodies the dynamic, vibrant and engaged urban university.

Recent “Best Colleges” rankings published by U.S. News & World Report, found UIC climbed up in its rankings among top public schools in the nation and among all national universities. UIC has nearly 260,000 alumni, and is one of the largest employers in the city of Chicago.

Teaching Track Faculty Openings in Computer Science

The Computer Science Department at the University of Illinois Chicago (UIC) seeks to
Professional Opportunities

hire full-time teaching faculty (Lecturer or Clinical Professor). Candidates would work alongside 17 full-time teaching faculty with over 150 years of experience and 13 awards for excellence. Standard teaching load is three course sections per semester.

UIC is one of the top-ten most diverse universities in the US (US News and World Report), a top 25 public and top 10 best value (Wall Street Journal and Times Higher Education), and a Hispanic-serving institution. The department seeks candidates interested in all areas of computer science.

Submit applications online at https://jobs.uic.edu

Include:
- A curriculum vitae.
- Contact information for at least three references.
- One-page statement on your teaching philosophy and how it is inclusive to a diverse student population.
- Recordings of teaching activities (optional), and
- recent teaching evaluations (optional).

For more information, send e-mail to cs-ntt-search@uic.edu.

For fullest consideration, apply by 11/17/22. Applications will be accepted and reviewed until the positions are filled.

Qualifications:
The Lecturer track is a long-term career track that starts with Lecturer and offers opportunities for advancement to Senior Lecturer. Minimum qualifications include an MS in Computer Science or a closely related field.

The Clinical Professor track is a long-term career track that starts with Clinical Assistant Professor and offers advancement to Clinical Associate and Clinical Full Professor. Minimum qualifications include a PhD in Computer Science or a closely related field. Candidates interested in Computer Science Education research or collaborating in the department’s existing Computer Science research are encouraged to apply.

The University of Illinois at Chicago is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Offers of employment by the University of Illinois may be subject to approval by the University’s Board of Trustees and are made contingent upon the candidate’s successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

As a qualifying federal contractor, the University of Illinois System uses E-Verify to verify employment eligibility.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit here.

University of Illinois faculty, staff and students are required to be fully vaccinated against COVID-19. If you are not able to receive the vaccine for medical or religious reasons, you may seek approval for an exemption in accordance with applicable University processes.

University of Illinois at Chicago

Tenure Track Faculty (Computer Science)

Position Summary

Located in the heart of Chicago, the UIC CS department anticipates hiring multiple tenure track faculty at all ranks starting from Fall 2023 (with preference to candidates at the Assistant and Associate Professor ranks). Candidates working in Computer Systems and Networks, Languages and Compilers, Software Engineering, Computer Graphics, Computer Security, Cryptography, Databases, and related areas are especially encouraged to apply. Outstanding candidates in all areas who could complement and enhance current department strengths will be considered. Candidates should have a PhD in Computer Science, Computer Engineering, or closely related fields, and the potential for excellence in teaching and research.

Applications must be submitted at https://jobs.uic.edu/ and must include a 1-page
cover letter, curriculum vitae, teaching, research and diversity statements, and names and addresses of at least three references. Links to a professional website such as Google Scholar or Research Gate are recommended.

Applicants may contact the faculty search committee at cs-tt-search@uic.edu for more information. For fullest consideration, applications must be submitted by November 30, 2022. Applications will be accepted until the positions are filled.

The Department of Computer Science at UIC, which is expected to hire between 15 and 25 new faculty in the next 5 years, has 42 tenure-system faculty, 5 research faculty with strong and broad research agendas, and 17 clinical/teaching faculty. The department is committed to building a diverse faculty preeminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials.

Construction of a new building housing the UIC Computer Science department is under way; the building is expected to open in calendar 2023. The building will include 80 faculty offices, 16,000 square feet of classroom space, 23 shared student offices, many collaborative learning and teaching spaces, and a geothermal farm to assist with sustainable heating and cooling.

UIC is a major public research university (Carnegie R1) with about 3,100 faculty and 34,000 students. UIC is committed to increasing access to education, employment, programs, and services for all. UIC is committed to supporting the success of dual-career couples.

Chicago epitomizes the modern, livable, vibrant, and diverse city. World-class amenities like the lakefront, arts and culture venues, festivals, and two international airports make Chicago a singularly enjoyable place to live. Yet the cost of living, whether in an 88th floor condominium downtown or on a tree-lined street in one of the nation’s finest school districts, is remarkably affordable.

Duties & Responsibilities
Teach
Conduct Research
Mentor Students

Qualifications:
Minimum Qualifications
PhD in Computer Science, Computer Engineering or closely Related Field and the Potential for Excellence in Teaching and Research

The Department of Computer Science at UIC, which is expected to hire between 15 and 25 new faculty in the next 5 years, has 42 tenure-system faculty, 5 research faculty with strong and broad research agendas, and 17 clinical/teaching faculty. The department is committed to building a diverse faculty preeminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials.

Construction of a new building housing the UIC Computer Science department is under way; the building is expected to open in calendar 2023. The building will include 80 faculty offices, 16,000 square feet of classroom space, 23 shared student offices, many collaborative learning and teaching spaces, and a geothermal farm to assist with sustainable heating and cooling.

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Duties & Responsibilities
Teach
Conduct Research
Mentor Students

Qualifications:
Minimum Qualifications
PhD in Computer Science, Computer Engineering or closely Related Field and the Potential for Excellence in Teaching and Research

The University of Illinois at Chicago is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Offers of employment by the University of Illinois may be subject to approval by the University’s Board of Trustees and are made contingent upon the candidate’s successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit https://www.hr.uillinois.edu/cms/One.aspx?portalId=4292&pageId=1411899.

University of Illinois Urbana-Champaign
The Grainger College of Engineering:
Faculty (Open Rank) Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at the University of Illinois Urbana-Champaign invites applications for open-rank full-time faculty positions. All qualified candidates will be considered at all levels and in all areas of electrical and computer engineering, broadly defined, including the areas of Computational and Physical Electronics; Electromagnetics and Sensing Systems; Power and Energy Systems; Quantum Information Science; Bioinformatics and Bioimaging; Circuits - System on a Chip;
University of Illinois Urbana-Champaign

Faculty (Open Rank) - Electrical and Computer Engineering

The Department of Electrical and Computer Engineering at the University of Illinois Urbana-Champaign invites applications for open-rank full-time faculty positions. All qualified candidates will be considered at all levels and in all areas of electrical and computer engineering, broadly defined, including the areas of Computational and Physical Electronics; Electromagnetics and Sensing Systems; Power and Energy Systems; Quantum Information Science; Bioinformatics and Bioimaging; Circuits - System on a Chip; AI/Autonomous Systems; Robotics; Signal Processing and Data Science; Control, Optimization, and Decision Science; Embedded Computing Systems and the Internet of Things; Data-Centric Computer Systems and Storage; Networked and Distributed Computing Systems. Areas of particular emphasis in this year’s search are scalable AI systems, computer system architecture, device growth and/or fabrication, signal processing, electromechanical systems, and quantum systems.

Please visit [https://jobs.illinois.edu](https://jobs.illinois.edu) to view the complete position announcement and application instructions. Full consideration will be given to applications received by December 1, 2022, but the interview process for earlier applicants may begin before this date and continue until suitable candidates are identified.

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit [https://www.hr.uillinois.edu/cms/one.aspx?portalid=4292&pageid=5705](https://www.hr.uillinois.edu/cms/one.aspx?portalid=4292&pageid=5705) to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, COVID-19 vaccination requirement, and employment eligibility review through E-Verify.

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal or by contacting the Accessibility & Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing accessibility@illinois.edu.

We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff ([http://provost.illinois.edu/faculty]-affairs/work-life-balance).
University of Illinois Urbana-Champaign

The Grainger College of Engineering: Teaching Faculty (Open Rank)-Electrical & Computer Engineering

The Department of Electrical and Computer Engineering at the University of Illinois Urbana-Champaign invites applications for multiple teaching faculty positions at all levels and in all topical areas of computer engineering. We seek highly qualified applicants with a strong commitment to excellence in teaching and the ability to teach computer engineering at all levels. This is a 100% non-tenure-track appointment on an academic year (nine-month) service basis paid over twelve months.

Teaching faculty positions are renewable, career-oriented, non-tenure-track positions. Initial appointments are typically at the rank of Teaching Assistant Professor, with the possibility of promotion to the ranks of Teaching Associate Professor and Teaching Professor. Senior-level appointments are available for candidates with significant additional experience, stature, and demonstrated teaching excellence. After the first year, successful teaching faculty may be offered multi-year contracts.

ECE Illinois is top ranked in both undergraduate and graduate education and has approximately 2200 undergraduate and 700 graduate students. We seek applicants who will contribute to the diverse and vibrant atmosphere in the department.

University of Iowa

Assistant Professor (Tenure Track) and/or Lecturer (Instructional Track) of Computer Science

The University of Iowa Computer Science Department invites applications for multiple tenure- and instructional-track positions effective August 2023. The Department’s roughly 20 faculty are actively engaged in research in four thematic areas: algorithmic foundations; health- and human-centric computing; social computing and public policy; and verifiable, dependable, and high-performance systems.

We are seeking creative and collaborative scholars from all areas of Computer Science interested in working in a collegial, supportive, and multidisciplinary environment. We are particularly interested in tenure-track candidates who complement and strengthen our current research presence as described by the four thematic areas mentioned above, and instructional candidates who are able to teach broadly across the curriculum. These searches are part of a substantial new commitment of 10 new faculty lines from the College of Liberal Arts and Sciences to support significant expansion of the Department. The University has also committed to a complete renovation of MacLean Hall, the current home of Computer Science, with completion projected for 2025.

Requirements: Candidates must hold a PhD in computer science or a closely related discipline at time of appointment. Successful tenure-track candidates must demonstrate potential for research excellence in the environment of a major research university. All candidates must demonstrate potential for teaching excellence within the discipline. Prior record of scholarly publication in leading venues and prior teaching experience are desirable. Responsibilities for tenure-track faculty include conducting cutting-edge research in the candidate’s area of expertise, teaching undergraduate and
Professional Opportunities

graduate courses, supervising graduate student research, and making service and outreach contributions to the Department, the College, the University, and the discipline. Instructional faculty responsibilities prioritize classroom teaching, service, and outreach.

**How to Apply:** Applicants should submit a CV and contact information for three references; candidates for tenure-track positions should provide a research, teaching, and diversity statement, while candidates for instructional track positions should instead provide a teaching and diversity statement.

For additional information and to apply online, visit [http://www.cs.uiowa.edu/jobs/](http://www.cs.uiowa.edu/jobs/).

Applications received by January 1, 2023 are assured of full consideration.

**Computer Science at the University of Iowa:** One of the oldest in the nation, the Computer Science Department is home to approximately 1000 undergraduate majors in four distinct degree programs (Computer Science, Informatics, Data Science, and Computer Science and Engineering), and just over 100 graduate students in our Computer Science and interdisciplinary Informatics programs. There are many ongoing research collaborations with the Carver College of Medicine, the College of Public Health, the College of Law, and the College of Education. The Department’s annual research expenditures are approximately $3.5M.

With just over 30,000 students, the University of Iowa is one of the nation’s top public research universities, a member of the Big Ten conference since 1899, and an Association of American Universities member since 1909. The University is known for its balanced commitment to the arts, sciences, and humanities. Located in Iowa City, an urbanized area of 170,000 people that is widely recognized as one of the country’s most livable communities, the University offers over 200 majors and has an annual externally funded research budget of over $650M.

The Department and the College of Liberal Arts and Sciences are strongly committed to diversity, equity and inclusion; the strategic plans of the University and College reflect this commitment. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran. The University of Iowa is an equal opportunity/affirmative action employer.

**University of Kentucky**

**Assistant Professor in Computer Science/Engineering**

The Department of Computer Science at the University of Kentucky invites applications for a tenure-eligible, 9-month appointment (Regular Title Series) faculty position to begin August 2023. We seek excellent candidates in all areas, with specific needs in data science, software engineering, security, and systems.

A demonstrated ability to collaborate with diverse teams to address grand societal challenges is highly desirable. Successful candidates must demonstrate a strong commitment to undergraduate and graduate education and be qualified to teach a broad range of courses in Computer Science. All regular title series faculty are expected to have a mix of research, teaching, and service to be negotiated annually with the chair of the department. We will consider all ranks, with preference for candidates at the assistant professor level. Tenure-eligible faculty are expected to build a strong research program in their chosen area and to be dedicated teachers, contributing to our instructional offerings at both undergraduate and graduate levels.

The Department, housed within the College of Engineering, has 21 faculty members. We aim to be a diverse community of researchers and educators pursuing pioneering research in computer science as well as interdisciplinary research collaborations at the university and beyond; offering all students the highest quality instructional programs including Bachelor’s, Master’s, and PhD degrees in Computer Science, Master’s degree in Data Science, and Bachelor’s, Master’s, and PhD degrees in Computer Engineering; expanding our reach to marginalized and underrepresented students, including but not limited to persons of color, international, first generation, veterans, people
with disabilities, and members of the LGBTQ+ communities, and serving the professional, local, state and global communities. The degree programs in Computer Engineering are offered in collaboration with the Department of Electrical and Computer Engineering Department. The undergraduate programs in Computer Science and in Computer Engineering are ABET-accredited.

The University of Kentucky is one of eight institutions in the United States with colleges of agriculture, arts and sciences, business, engineering, law, medicine, and pharmacy all on a single campus, making it uniquely suited for diverse interdisciplinary collaborations. Located in Lexington, one of the safest, most creative and well-educated cities in the nation, we offer an ideal setting in which to build a successful work-life balanced career. Lexington is the heart of the scenic Bluegrass Region, with many outdoor recreation opportunities and excellent public and private schools. To learn more about these benefits, please visit: https://www.uky.edu/hr/benefits.

Applications are now being accepted. Review of submissions will begin immediately and continue until the position is filled. Candidates must have earned a PhD in Computer Science or closely related field at the time employment begins.

To apply, a University of Kentucky Academic Profile must be submitted at the following link: https://ukjobs.uky.edu/postings/42447. Applicants should submit a cover letter, full curriculum vitae, research statement (upload under Specific Request 1), teaching statement (upload under Specific Request 2), and contact information for a minimum of three references when prompted in the application.

Questions should be directed to HR/Employment by phone at 1-859-257-9555 (press 2) or email (ukjobs@email.uky.edu), or to Diane Mier (diane.mier@uky.edu) in the Computer Science Department. Upon offer of employment, successful applicants must undergo a national background check as required by University of Kentucky Human Resources.

The University of Kentucky is an equal opportunity employer and especially encourages applications from women and members of underrepresented groups.

University of Louisville

Assistant Professor, Term -- Computer Science and Engineering

The Department of Computer Science and Engineering at the University of Louisville seeks candidates for an Assistant Professor Term teaching position (non-tenure track) with a start date of January 2023. Ideal candidates will have a Ph.D. in Computer Science and/or Computer Engineering (or a closely related field), a strong grasp of the fundamentals, outstanding communication skills, and a passion for making meaningful, positive contributions to the educational experience. Moreover, because this position emphasizes teaching, the ideal candidate should be comfortable teaching a broad range of Computer Science and Engineering courses. These subjects include but are not limited to Software Engineering, Computer Networks, Computer Architecture and Organization, C/C++, Java/OOP, Algorithms, Data Structures, Cybersecurity, Embedded Systems, Databases, and Operating Systems.

The Speed School of Engineering is home to eight departments, with an undergraduate enrollment of approximately 2,000 students. As a Research I institution, The University of Louisville has an approximate undergraduate enrollment of 15,500, with a graduate population of approximately 4,200 students. Located two hours from Cincinnati, Indianapolis, and Nashville, Louisville is Kentucky’s largest city area with a metropolitan population of over 1.2 million people.

Applications consist of a cover letter that indicates qualifications for the position (1 page), a statement of teaching experience and philosophy (3 pages max.), a current curriculum vitae, and a list of names and contact information for 3 references. Materials are to be submitted online (ONE FILE DOCUMENT).

APPLY NOW

Review of applications will begin on October 15th, 2022; applications will be accepted until the position is filled.

Equal Employment Opportunity: The University of Louisville is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants.
University of Massachusetts Amherst

TT & NTT Faculty Positions

The Manning College of Information & Computer Sciences (CICS) at the University of Massachusetts Amherst invites applications for multiple tenure track (TT) and non-tenure track (NTT) faculty positions.

- TT Faculty, with a focus on Mobile Health
- TT Faculty, with a focus on Software Engineering
- TT Faculty, with a focus on Theoretical Computer Science
- TT Faculty, with a focus on Security
- TT Faculty, with a focus on Machine Learning
- TT Faculty, with a focus on Programming Languages
- TT Faculty, with a focus on Informatics
- NTT Full-Time & Part-Time Teaching Faculty
- NTT Teaching Fellow

Rank and salary will be highly competitive and commensurate with qualifications and experience. For more information and to submit an application, please visit [https://cics.umass.edu/jobs](https://cics.umass.edu/jobs).

If you wish to be considered for more than one opening, please submit an application for each one.

The Manning College of Information and Computer Sciences (CICS) is home to a top-20 computer science program, as ranked by csrankings.org and a top 25 graduate program as ranked by U.S. News and World Report. Today, CICS has 74 faculty, including 40 hired in the past five years. CICS continues to grow and just broke ground on a brand new $125 million state-of-the-art facility. Research funding from industry and government exceeded $21 million in the past year. The college maintains significant research collaborations with more than 50 industry-leading technology companies. Its affiliated research centers include the Center for Intelligent Information Retrieval, the Center for Data Science, the Center for Smart and Connected Society, the Center for Knowledge Communication, the Computational Social Science Institute, and the Cybersecurity Institute. The college offers a world-class education, with 281 PhD students, 396 MS students, and 1732 undergraduate computer science and informatics majors. United by a revolutionary vision for computing research, education, and outreach—Computing for the Common Good—the CICS community is committed to inspiring and educating students from all backgrounds and experiences, and conducting research that improves the lives of the people of the Commonwealth and the world.

The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.
University of Massachusetts Amherst

FT & PT Teaching Faculty

The Manning College of Information & Computer Sciences (CICS) at the University of Massachusetts Amherst invites applications for multiple Teaching Faculty positions. We are currently searching for full-time and part-time Teaching Faculty in both informatics and computer science, but have a particular interest in computer systems, software engineering, data science, and health informatics.

Rank and salary will be highly competitive and commensurate with qualifications and experience. For more information and to submit an application, please visit https://cics.umass.edu/jobs. If you wish to be considered for more than one opening, please submit an application for each one.

Established in 2015, the Manning College of Information and Computer Sciences (CICS) is home to a U.S. News & World Report top twenty-five ranked computer science graduate program and a top-thirty ranked undergraduate program. Today, CICS has 74 faculty, including 40 faculty hired in the past five years. Research funding from industry and government exceeded $21 million in the past year. The college maintains significant research collaborations with more than 50 industry-leading technology companies. Its affiliated research centers include the Center for Intelligent Information Retrieval, the Center for Data Science, the Center for Smart and Connected Society, the Center for Knowledge Communication, the Computational Social Science Institute, and the Cybersecurity Institute. The college offers a world-class education, with 281 PhD students, 396 MS students, and 1732 undergraduate computer science and informatics majors. United by a revolutionary vision for computing research, education, and outreach—Computing for the Common Good—the CICS community is committed to inspiring and educating students from all backgrounds and experiences, and conducting research that improves the lives of the people of the Commonwealth and the world.

The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.

University of Memphis

Visiting Assistant/Associate Professor

The Department of Computer Science at the University of Memphis is seeking qualified candidates for the position of Visiting Assistant/Associate Professor, beginning Spring 2023. This is a one year appointment with possible extension, dependent on need and funds. The visiting professor will teach undergraduate/graduate courses (primarily Data Science), participate in curriculum development and improvement, and advise students. Applicants should hold a PhD in computer science or a related field. College level teaching experience is preferred. Research in CS related areas is a plus.

The Department of Computer Science offers BS, MS, and PhD programs, as well as graduate certificates in Data Science and Cybersecurity and Information Assurance. The Department has been ranked 55th in the nation among CS departments with federally funded research. University of Memphis is a top-tier research university with a Carnegie R1 designation. Known as America’s Number 1 logistics hub, Memphis has been ranked as one of the “World’s Greatest Places” by TIME, as America’s 4th best city for jobs by Glassdoor, and America’s 4th in “Best Cost of Living.” Memphis metropolitan area has a population of 1.3 million. It boasts a vibrant culture and has a pleasant climate with an average temperature of 63 degrees.

To apply, please visit https://workforum.memphis.edu/postings/33408. Include a cover letter, curriculum vitae, statement of teaching philosophy, and references. A background check will be required for employment. The University of Memphis is an Equal Opportunity/Equal Access/Affirmative Action employer committed to achieving a diverse workforce.

University of Memphis

Assistant Professor Computer Science - Tenure Track

The Department of Computer Science at the University of Memphis is seeking candidates for Assistant Professor position(s) beginning Fall 2023. Qualified candidates in all areas of computer science are invited, while candidates with core expertise in emerging areas
Professional Opportunities

of systems, software engineering, theory, and cybersecurity are particularly encouraged to apply. Successful candidates are expected to develop externally sponsored research programs, lead or participate in collaborative research projects within Computer Science and beyond, teach both undergraduate and graduate courses and provide academic advising to students at all levels. Candidates from minority and underrepresented groups are highly encouraged to apply.

Applicants should hold a Ph.D. in Computer Science, or a related discipline, and be committed to excellence in both research and teaching a diverse student body. Salary is highly competitive and dependent upon qualifications. We particularly welcome candidates from groups that are historically underrepresented in our field and/or have demonstrated leadership toward building an equitable and inclusive scholarly environment.

The Department of Computer Science (www.memphis.edu/cs) offers B.S., M.S., and Ph.D. programs as well as graduate certificates in Data Science and Information Assurance. The Department has been ranked 55th among CS departments with federally funded research. The Department regularly engages in large federally-funded collaborations across the nation. For example, CS faculty lead the NIH-funded mDOT Biomedical Technology Resource Center and the Center for Information Assurance (CfIA). In addition, CS faculty work closely with multidisciplinary centers at the university such as the Institute for Intelligent Systems (IIS).

University of Memphis is a top-tier research university with a Carnegie R1 designation. Known as America’s Number 1 logistics hub, Memphis has been ranked as one of the “World’s Greatest Places” by TIME, as America’s 4th best city for jobs by Glassdoor, and 4th in “Best Cost of Living”. Memphis metropolitan area has a population of 1.3 million. It boasts a vibrant culture and has a pleasant climate with an average temperature of 63 degrees.

Screening of applications will begin on November 28, 2022, and new applications will continue to be reviewed until the search is completed.

To apply, please visit https://workforum.memphis.edu/postings/33990. Include a cover letter, curriculum vitae, teaching and research statements, and three letters of recommendation.

A background check will be required for employment. The University of Memphis is an Equal Opportunity/Equal Access/Affirmative Action employer committed to achieving a diverse workforce.

University of Michigan

Computer Science & Engineering Faculty Positions

Computer Science and Engineering (CSE) at the University of Michigan College of Engineering invites applications for multiple tenure-track and teaching faculty (lecturer) positions, as part of its aggressive long-term growth plan. We seek exceptional candidates in all areas across computer science and computer engineering and across all ranks. Qualifications include an outstanding academic record; an awarded or expected doctorate (or equivalent) in computer science, computer engineering, or a related area. We seek faculty members who commit to excellence in graduate and undergraduate education, will develop impactful, productive and novel research programs, and will contribute towards advancing a culture of diversity, equity and inclusion.

We will begin reviewing applications as soon as they are received, starting October 1st, 2022 and continuing throughout the year. For more details on these positions and to apply, please visit https://cse.engin.umich.edu/about/faculty-hiring/.

The University of Michigan is one of the world’s leading research universities, consisting of highly ranked departments and colleges across engineering, sciences, medicine, law, business, and the arts, with a commitment to interdisciplinary collaboration. CSE is a vibrant and innovative community, with over 90 world-class faculty members, over 400 graduate students, and a large and illustrious network of alumni. Ann Arbor is known as one of the best small cities in the nation. More area information is available at https://cse.engin.umich.edu/about/visit/area-information/.

Michigan Engineers are world-class educators, researchers, students and staff who strive to build a people-first future. As part of the nation’s number one public research institution, Michigan
Professional Opportunities

Engineering’s mission is to provide scientific and technological leadership to the people of the world, develop intellectually curious and socially conscious minds, create collaborative solutions to societal problems, and promote an inclusive and innovative community of service for the common good.

Our vision, mission and values are supported by a people-first engineering framework that guides our work. As Michigan Engineers, we strive to apply excellent engineering fundamentals, integrated expertise and equity-centered values to reimagine what engineering can be, close critical gaps, and elevate all people. Information about our vision, mission and values can be found at: http://strategicvision.engin.umich.edu/

The University of Michigan has a storied legacy of commitment to Diversity, Equity and Inclusion (DEI). Michigan Engineering models that commitment in our research, culture and collaborations. We seek to recruit and retain a diverse workforce as a reflection of that commitment. Learn more about DEI at Michigan Engineering: https://www.engin.umich.edu/culture/diversity-equity-inclusion/

CSE is firmly committed to DEI and improving our climate through transparent communication and effective action. As shown in our annual report: https://cse-climate.engin.umich.edu/reports/climate-dei-reports/cse-climate-dei-report-20-21/

U-M COVID-19 Vaccination Policy: COVID-19 vaccinations, including boosters when eligible, are required for all University of Michigan students, faculty and staff across all campuses, including Michigan Medicine.

This includes those working remotely. More information on this new policy is available on the Campus Blueprint website or the UM-Dearborn and UM-Flint websites.

The University of Michigan is an equal opportunity/affirmative action employer, and is responsive to the needs of dual career families.

University of Michigan-Dearborn

Assistant Professors in Computer and Information Science (CIS)

The CIS Department at the University of Michigan-Dearborn invites applications for three tenure-track Assistant Professor positions in the general areas of (I) AI Systems (e.g., intelligent agents, natural language processing, AI software development, AI-powered analytics, etc.), (2) Cybersecurity, and (3) Emerging Systems/Others (e.g., edge/fog/dew computing, quantum computing, virtual and augmented reality, visualization, IoT, or any other area of computer science). The expected starting date is August 28, 2023. Although candidates at the Assistant Professor rank are preferred, exceptional candidates may be considered for the rank of Associate Professor depending upon experience and qualifications. We offer competitive salaries and start-up packages.

The CIS Department offers several B.S. and M.S. degrees, and a Ph.D. degree. The current research areas in the department include artificial intelligence, computational game theory, computer graphics, cybersecurity, data privacy, data science/management, energy-efficient systems, game design, graphical models, machine learning, multimedia, natural language processing, networking, service and cloud computing, software engineering, and health informatics. These areas of research are supported by several established labs and many of these areas are currently funded by federal agencies and industries.

The department and College of Engineering of Computer Science value a culture of diversity, equity, and inclusion. We are committed to the development of diverse and culturally intelligent faculty who thrive and contribute to a positive and inclusive environment.

Qualifications:

Qualified candidates must have earned a Ph.D. degree in computer science or a closely related discipline by August 28, 2023. Candidates will be expected to do scholarly and sponsored research, as well as teaching at both the undergraduate and graduate levels.

Applications:

Applicants should send a cover letter; curriculum vitae; statements of teaching, research interests, and diversity; evidence of teaching performance (if any); and a list of three references through Interfolio at: http://apply.interfolio.com/112217 for the position in AI Systems; http://apply.interfolio.com/112219 for the position in Cybersecurity; http://apply.interfolio.com/112220 for the position in Emerging Systems or any other area of Computer Science.
Review of applications will start on January 15, 2023, but applications will be accepted until the position is filled. The University of Michigan-Dearborn is an equal opportunity/affirmative action employer.

University of Mississippi

Multiple TT Assistant/Associate Professor Openings

The Department of Computer and Information Science in the School of Engineering at the University of Mississippi invites applications for multiple tenure-track faculty positions at the Assistant or Associate Professor level. Applicants must hold a Ph.D. or equivalent in Computer Science or a closely related field by the time of appointment. Applicants must be able to teach various undergraduate and graduate computer science courses, contribute to the development of the Department’s growing emphases in data science or computer security, conduct research in related areas, and supervise M.S. and Ph.D. students. Candidates with an established record of teaching and research will be considered for an Associate Professor rank. The Department has an ABET/CAC-accredited undergraduate program and M.S. and Ph.D. programs. Visit [http://www.cs.olemiss.edu](http://www.cs.olemiss.edu) for more information about the Department.

Applicants must apply online at [https://careers.olemiss.edu](https://careers.olemiss.edu), supplying the following documents: a cover letter, a curriculum vitae, research and teaching statements, and three references with email addresses and phone numbers. Combine the documents into a single PDF and upload it in the resume or cover letter slot. Review of applications will begin immediately and continue until the position is filled or an adequate applicant pool is reached. For additional information, contact Dr. Byunghyun Jang at bjang@olemiss.edu.

University of Missouri

Assistant, Associate or Full Teaching Professor

The University of Missouri (MU) Department of Electrical Engineering & Computer Science (EECS) is accepting applications for up to two (2) non-tenure track (NTT) faculty positions at all levels in Computer science. The successful applicants will be responsible for teaching undergraduate Computer Engineering and Computer Science Courses. Successful applicants must have at least an M.S. in Computer Engineering, Computer Science or closely related field by the time appointment begins. Candidates will be evaluated on their background in the fundamentals of Computer Science and possession of a PhD degree, as well as experience in undergraduate teaching in the respective discipline.


Review of candidate material will start on January 15, 2023, but applications will be accepted until the position is filled. The University of Michigan-Dearborn is an equal opportunity/affirmative action employer.

University of Nebraska at Omaha

Information Systems and Quantitative Analysis

Instructor - Information Systems and Quantitative Analysis (ISQA)

Posting Number: 2022F-00135

Position Number: 61684

Contact person: Peter Wolcott (pwolcott@unomaha.edu)

To apply for position: [https://unomaha.peopleadmin.com/postings/15885](https://unomaha.peopleadmin.com/postings/15885)

Review of candidate material will begin on September 15, 2022 and will continue until the position is filled or an adequate applicant pool is reached. The Department of Information Systems and Quantitative Analysis (ISQA) at the University of Nebraska at Omaha invites applications for a full-time, non-tenure track instructor in information systems with a desired start date of August 2023. This position focuses on courses and curricula that are central to the Management Information Systems program, and may include systems development and integration, management of systems development projects, and emerging areas of technology within organizations. We seek a candidate with a professional record, previous experience teaching at the undergraduate and graduate levels, and a commitment to advancing diversity, equity, and inclusion goals within academia and the community. On-line and face-to-face instruction are expected.
Professional Opportunities

Assistant Professor of Cybersecurity
Computer Science Department
Howard R Hughes College of Engineering

The University of Nevada, Las Vegas invites applications for Assistant Professor of Cybersecurity, Computer Science Department, Howard R Hughes College of Engineering [R0133071].

ROLE of the POSITION
The Department of Computer Science (CS) at the University of Nevada, Las Vegas (UNLV) invites applications for a full time, tenure-track, Assistant Professor of Cybersecurity commencing Spring 2023 or Fall 2023. The areas include but not limited to application security, cloud security, digital forensics, web security, identity and access management, and AI/ML-based methods. CS department is home to the UNLV’s National Center of Academic Excellence in Cyber Defense (CAE - CD) designated by National Security Agency (NSA). Applicants must demonstrate superior research and scholarship potential as well as excellent teaching ability. The successful candidate will be expected to develop and maintain extramurally funded research projects, provide outstanding teaching at the undergraduate and graduate levels, mentor graduate students, contribute to professional and university services, and participate broadly in the computer science curriculum.

PROFILE of the DEPARTMENT/COLLEGE
The Department of Computer Science is one of the fastest growing departments at UNLV. Comprising just under half of the Howard R, Hughes College of Engineering total enrollment, the department’s focus is on providing a well-rounded education with a solid basis in the fundamentals of computer science. Our students and alumni are well-represented in the field, with many taking on employment locally and nationally.

MINIMUM QUALIFICATIONS
This position requires a PhD in Computer Science from an accredited college or university as recognized by the United States Department of Education and/or the Council on Higher Education Accreditation (CHEA). All But Dissertation Status (ABDs) may be considered but credentials must be obtained prior to the start of employment (Spring: 01/01/2023 or Fall: 07/01/2023).

The successful candidate will have a strong research program in Cybersecurity, as evidenced by publications in premier journals and conferences and/or a successful history of receiving/submitting grants.

For more information, please visit https://www.unlv.edu/jobs
For assistance with the application process, please contact UNLV Human Resources at (702) 895-3504 or unlvjobs@unlv.edu

EEO/AA/Vet/Disability Employer

Additional duties include teaching and mentoring undergraduate and graduate students, and providing departmental, university, and professional service.

Successful applicants will hold a PhD in Information Systems, Computer Science, or related areas, by the time of employment.

The University and department have a strong commitment to achieving diversity among the faculty and staff. The University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment. UNO is a VEVRAA Federal Contractor and an E-Verify employer.

University of Nevada, Reno
Lecturer in Computer Engineering

The Department of Computer Science and Engineering at the University of Nevada, Reno invites applications for one Lecturer position in Computer Engineering starting January 1, 2022.

More details and application link here: http://www.cse.unr.edu/lecturer

University of New Haven
Lecturer in Data Science

University of New Haven, Lecturer – Non-Tenure Track – Data Science, Tagliatela College of Engineering: The Connecticut Institute of Technology (CIT) at the University of New Haven seeks qualified candidates for a lecturer position in Data Science. Successful candidates will have Ph.D. degree in Data Science, Informatics, Computer Science, or a related field, a commitment to excellent teaching, and effective communication skills. The expected start date is January 2023; a fall 2023 start may be negotiable.

For full description click here.
University of New Mexico

Assistant Professor in Computer Science

The Department of Computer Science in the School of Engineering at the University of New Mexico invites applications for multiple full-time tenure-track positions at the level of Assistant Professor. We are particularly interested in candidates with expertise in (1) cybersecurity, (2) machine learning and data science, (3) algorithms, (4) human-computer interaction, (5) high-performance computing, and, candidates in all areas of computing are encouraged to apply. UNM is a Carnegie Very High Research Activity Institution and a federally designated Hispanic Serving Institution located in Albuquerque, New Mexico.

UNM CS is an interdisciplinary, family-friendly department. Our research and instruction push the boundaries of core CS, emerging CS areas, and topics at the intersection of CS and other fields. We also have strong ties to nearby Sandia and Los Alamos National Laboratories. We seek applicants demonstrating excellence in any area of CS or related disciplines, potentially including a joint appointment at Los Alamos National Laboratory.

Applicants must have completed a doctorate in CS or a related area by August 14, 2023. In accordance with UNM policies, applicants will additionally be evaluated on the following preferred qualifications: (1) demonstrated ability to establish a nationally visible research program; (2) commitment to undergraduate and graduate education; and (3) demonstrated commitment to diversity, equity, inclusion, student success, and working broadly with diverse communities.

Each application must include a cover letter summarizing the applicant’s experience, curriculum vitae, research statement, teaching statement, and at least three letters of reference. Please have reference letters sent to unmcsfacultysearch@cs.unm.edu before the application deadline. Confidential letters of reference can be sent from Interfolio or other dossier managers.

Applicants are encouraged to include in their application an optional statement, no more than one page in length, on their experiences and perspectives related to item (3) above. Alternatively, if appropriate, applicants may address this topic in their cover letter or in their teaching or research statements.

To apply and see the complete advertisement, visit: https://unm.csod.com/ux/ats/careersite/18/home/requisition/22104?c=unm

For best consideration, apply by December 2, 2022. This position will remain open until filled. Inquiries should be emailed to the Chair of the CS Department, Lydia Tapia (letapia@unm.edu).

The University of New Mexico is committed to hiring and retaining a diverse workforce. We are an Equal Opportunity Employer, making decisions without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, veteran status, disability, or any other protected class.

University of New Orleans

Tenure-Track Assistant Professor Position in Computer Science

The Department of Computer Science at the University of New Orleans invites applications for a tenure-track Assistant Professor position starting in Spring 2023. Candidates with expertise in environmental informatics, cybersecurity and big data are especially encouraged to apply. Preference will be given to candidates whose interests and expertise augment existing strengths and exceptional candidates in any relevant area will be given due consideration.

The department hosts two research centers – the UNO Cyber Center (UNOCC) and the Canizaro Livingston Gulf States Center for Environmental Informatics (GulfSCEI) – and places a strong emphasis on both research and teaching excellence. The city of New Orleans offers a rich and unique cultural experience and opportunities for non-traditional collaborations.

The successful candidate will be expected to offer a broad range of specialized courses in their area of expertise, supervise graduate students, develop a nationally competitive research profile, and secure external research funding.

We are seeking candidates who have earned or are expected to earn a Ph.D. in computer science or a closely related field. Successful applicants must possess a record of research excellence and demonstrate strong teaching commitments to graduate and undergraduate courses.
Interested applicants are invited to submit a resume, three recommendation letters, teaching, research, and diversity statements to:


Applications will be reviewed on a rolling basis until the positions are filled.

UNO is an Equal Employment Opportunity/Affirmative Action institution committed to excellence through diversity. UNO will not discriminate based upon race, ethnicity, color, sex, religion, national origin, age, disability, genetic information, sexual orientation, gender identity or expression, pregnancy, marital status, military or veteran status, or any other status or classification protected by federal, state, or local law. All eligible candidates are encouraged to apply.

University of North Carolina at Chapel Hill
Assistant Professor - User Experience/Design

This Assistant Professor position focuses in user experience/human-computer interaction with expertise in design methodologies such as:

• Participatory design, co-design, inclusive design, service design, usability testing, and other user-centered approaches
• Critical design, speculative design, and other reflective approaches
• Research through design

Candidates might apply these methodologies in the context of various design materials, interactive modalities, and application areas, including:

• Collaborative technologies and social computing
• Human-centered AI systems
• Health and wellness
• Education and learning
• Visual and information design

We especially encourage applicants who employ user experience and design methods towards one or more of the following:

• Furthering goals of democracy, equity, well-being, or sustainability
• Fostering the inclusion and empowerment of marginalized populations
• Investigating the potential of humans, machine learning, and AI
• Exploring broader themes of values in design, digital civics, or design justice

We welcome candidates from diverse disciplines, including human-computer interaction, information studies, digital media, computer science, design, and more. https://unc.peopleadmin.com/postings/239213

University of North Carolina at Chapel Hill
Teaching Assistant Professor

The Computer Science Department of the University of North Carolina at Chapel Hill invites applications for multiple positions of Teaching Assistant Professor to begin on either January 1, 2023 or July 1, 2023.

The positions are for an initial term of three years, and as a permanent position is periodically renewable upon review. We are seeking candidates who embrace excellence and diversity with a strong commitment to teaching, mentoring and collaboration. Selected candidates will show exceptional promise for, or a proven record of, teaching computer science and data science courses in a diverse undergraduate university environment.

Experience teaching large classes, and using instructional technology for the same is desired.

For more information, and to apply, please visit https://unc.peopleadmin.com/postings/241460.

UNC Greensboro
Assistant Professor of Computer Science
Position #998422

UNCG is a Minority Serving Institution, with an undergraduate population of 56% ethnic minority students. UNCG and the Computer Science Department foster an environment of collaboration across departments and schools and support community-engaged research. UNCG is proud of the diversity of its student body and we seek to attract an equally diverse applicant pool for this position. UNCG is located in a metropolitan area of more than 1.7 million in the Piedmont region of North Carolina, between the Atlantic Ocean and the Appalachian mountains. UNCG is an EOE/Affirmative Action/M/F/D/V employer and are strongly committed to
increasing faculty diversity. Additionally, UNC Greensboro is consistently recognized nationally among the top universities for academic excellence and value, with noted strengths in health and wellness, visual and performing arts, nursing, education, and more. For additional information, please visit uncg.edu and follow UNCG on Facebook, Twitter, and Instagram.

The Department of Computer Science at UNCG is a thriving department with an established, ABET-accredited B.S. degree program and an active M.S. degree program, and a new Ph.D. program to be established in Fall 2022. The department is experiencing rapid enrollment growth in recent years. For more information on the Computer Science Department, visit the Department’s web page at http://compsci.uncg.edu/.

We are looking for candidates who show exceptional promise in both research and teaching. Preferred research areas are those that build upon our existing areas of strength, which include algorithms, artificial intelligence, data analytics, databases and data mining, foundations of computer science, human-computer interaction, image processing, machine learning, networking, security, and virtual reality, but applicants in other research areas are also encouraged to apply.

We are particularly interested in candidates who work in data science and interdisciplinary research.

Please note: While this is a tenure-track position, an appointment made effective January 1, 2023, will be as visiting assistant professor (pre-tenure-track) for the spring semester, with the tenure-track appointment commencing effective August 1, 2023. The visiting appointment is necessary to effectuate a normal tenure clock.

Candidate must hold or anticipate a Ph.D in Computer Science by January 1, 2023.

Applicants are asked to provide the names, email addresses, and phone numbers of three contacts to provide Letters of Recommendation in the References section of the electronic application. These contacts will be solicited by the SpartanTalent system via email and asked to provide a confidential Letter of Recommendation on behalf of the applicant. This will occur when a candidate is being considered for an interview.

AA/EEO: UNCG is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.

Individuals with disabilities requiring disability-related accommodations in the application and interview process, please email us at askdeo@uncg.edu. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified prior to start date.

UNCG participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

To apply visit https://spartantalent.uncg.edu/ and click on “Faculty.”

University of Oregon

Assistant Professor of Computer Science

Job no: 529431

Work type: Faculty - Tenure Track

Location: Eugene, OR

Categories: Instruction, Computer and Information Science

Department: College of Arts & Sciences

Department: Computer and Information Science

Rank: Assistant Professor

Annual Basis: 9 Month

Application Deadline: December 31, 2022; position open until filled.

Required Application Materials

Candidates are asked to apply online at https://academicjobsonline.org/ajo/jobs/22746 by submitting an application letter, a curriculum vitae, a research statement, a teaching statement, and at least three letters of recommendation by 31 December 2022, or until the position has been filled. If you are unable to use this online resource, please contact faculty. search@uoregon.edu to arrange alternate means of submitting application materials.
The University of Oregon is dedicated to the goal of building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment and strongly encourages applications from applicants from underrepresented groups, women, and people with disabilities. Applicants are requested to include in their cover letter information about how they will further this goal. In particular, candidates should describe previous activities mentoring members of underrepresented groups.

Position Announcement

The University of Oregon’s Computer Science Department invites applications for a tenure-track position of Assistant Professor in Programming Languages, to begin in the fall of 2023. We seek candidates specializing in programming languages; candidates should have a strong formal background in programming languages/logic and have an interest in applying their theoretical investigations to practical issues. Competitive applicants will be capable of outstanding research and teaching at the graduate and undergraduate levels.

The Computer Science Department is well-known for its programming language research, especially for hosting the Oregon Programming Language Summer School; this event attracts ~100 students and ~10 top programming language researchers each summer.

We are a diverse and growing department with strengths in data science, high-performance computing, networking and distributed systems, in addition to programming languages.

Department or Program Summary

The Computer and Information Science Department in the College of Arts and Sciences at the University of Oregon offers BS, MS, and Ph.D. degrees in Computer and Information Science. Instruction is provided by 16 tenure track faculty, 2 emeritus faculty, and 6 career Instructor faculty. The department serves approximately 600 undergraduate and 90 graduate majors and offers a number of general education classes in the discipline. The primary research foci of the tenure track faculty are high-performance computing, data science, networking, and distributed systems with cross-cutting concerns of security and privacy.

Minimum Requirements

Ph.D. in Computer Science or related field at time of appointment.

Preferred Qualifications

Demonstrated commitment and contribution to institutional diversity, equity, and inclusion.

About the University

The University of Oregon is one of only two Pacific Northwest members of the Association of American Universities and holds the distinction of a “very high research activity” ranking in the Carnegie Classification of Institutions of Higher Education. UO enrolls more than 20,000 undergraduate and 3,600 graduate students representing all 50 states and nearly 100 countries. In recent years, the university has increased the diversity of its student body, as well as campus-wide efforts to build a welcoming, inclusive community. UO’s beautiful, 295-acre campus features state-of-the-art facilities in an arboretum-like setting.

Assistant Professor of Computer Science

The Department of Computer Science at University of the Pacific invites applications for one or more tenure-track positions at the rank of Assistant Professor, to start in fall 2023. Applicants must have a doctorate in Computer Science or closely related discipline. The primary qualification for this position is a strong interest and demonstrable potential for undergraduate education. Candidates should also be prepared to contribute to our graduate program leading to the MS in Computer Science, and to sustain a program of academic research. We will consider applicants from any area of Computer Science. Applicants interested in software engineering and interdisciplinary fields of study are encouraged to apply.

University of the Pacific, founded in 1851, is the first chartered institution of higher learning in California. Pacific is a residential campus serving a primarily full-time student body. The School of Engineering and Computer Science takes pride in providing a superior, student-centered learning environment that emphasizes close faculty-student interaction and cooperative education. This combination of personal attention and professional practice prepares graduates who excel in engineering and computing professions and are qualified to pursue advanced degrees.

For more information, please see: https://apptkr.com/3479540.
Professional Opportunities

The Assistant Professor position is a permanent, tenure-track, full-time, 9-month appointment starting with the academic year 2023-24.

Please see the full posting (F00342) at https://jobs.uri.edu/postings/10794 for required and desired qualifications as well as required application materials.

APPLICATIONS MUST BE SUBMITTED ONLINE ONLY. The University of Rhode Island is an AA/EEO employer.

University of Rochester

Tenure-Track Assistant Professor in Data Science

The University of Rochester seeks applicants for a tenure-track assistant professor in data science, a strategic area of growth for the University. This will be a joint appointment between the Goergen Institute for Data Science (GIDS -- https://www.sas.rochester.edu/dsc/) and another University of Rochester department that best aligns with the applicant’s research & teaching vision and that will serve as the tenure home. We are eager to hire in optimization theory and methods with data science applications to machine learning, artificial intelligence and beyond, including online, distributed, and federated learning; optimization and generalization in overparameterized deep neural networks; reinforcement learning, autonomy, and decision making. Exceptional candidates in all areas of data science are encouraged to apply. Candidates must have (or be about to receive) a doctorate in computer science,

University of Rhode Island

Assistant Professor of Computer Science

The search will remain open until the position is filled. First consideration will be given to applications received by November 15, 2022. Second consideration applications must be submitted by January 2, 2023. Applications received subsequent to the second consideration date (January 2, 2023) may not be given full consideration.

The University of Rhode Island invites applications for a tenure-track Assistant Professor in the Department of Computer Science and Statistics. We seek candidates who can contribute to both teaching and research in computer science. Of particular interest are candidates with expertise in the broad area of computer systems and its application across multiple disciplines.
data science, electrical and computer engineering, operations research, applied mathematics, economics, statistics, or a related discipline.

For application instructions and more information about the University of Rochester and GIDS, see: [https://www.rochester.edu/faculty-recruiting/positions/show/14332](https://www.rochester.edu/faculty-recruiting/positions/show/14332).

Applications must be received by January 1, 2023 to be guaranteed full consideration.

**University of Rochester. an Equal Opportunity Employer. has a strong commitment to diversity and actively encourages applications from candidates from groups underrepresented in higher education.**

EOE Minorities/Females/Protected Veterans/Disabled

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**University of South Florida**

**Computer Science and Engineering Tenure-Track Positions at All Ranks**

The University of South Florida invites applications for tenure-track positions at all ranks Computer Science and Engineering.

Applications are invited for multiple tenure-track positions at all ranks in the Department of Computer Science and Engineering. Preference will be given to candidates in strategic research areas that have high funding potential from federal funding agencies including NSF, NIH, DARPA, etc. This includes, but is not limited to, human-centered computing, software engineering, AR/VR, artificial intelligence, cybersecurity, social networks, and other high societal impact areas with a broad set of interested funding agencies. All candidates should have an established record of high-quality research publications, a commitment to excellence in teaching, and a willingness to collaborate with others in the department. Candidates for senior-level positions should also have an established research program with current funding. We expect successful candidates to contribute to our broadening participating in computing initiative. Affiliation with the USF Institute for Artificial Intelligence + X and/or the Institute of Applied Engineering is possible for candidates with research areas that meet institute needs. The Institute for AI + X is a university wide research and education center for AI with a focus on collaboration across disciplines.

The Institute of Applied Engineering provides agile, best-value engineering solutions to enhance the performance, effectiveness and safety of its sponsors, including the Department of Defense, other federal, state and local agencies, and industry. Successful candidates could start in Spring 2023 or Fall 2023.

**Computer Science and Engineering** has 28 tenure-track/tenured faculty members, 11 full-time instructional faculty, 2 visiting assistant professors, and 7 staff members/advisors, and offers BS, MS, and PhD degrees, serving over 2600 undergraduates, over 200 masters, and about 100 PhD students. USF CSE has a strong working relationship with CyberFlorida. CSE ranks include eleven NSF CAREER awardees, one National Academy of Inventors (NAI) Fellow, three IEEE Fellows, three IAPR Fellows, three AAAS Fellows, and three AIMBE Fellows. USF CSE is in the top 15% of Computer Science departments in US public universities. This ranking is according to most recent Academic Analytics data based on Scholarly Research Index AAD2020 using default weights for grants, articles, conferences, awards, and citations. For the fiscal year 2020-2021, the CSE had $4.5 million in research expenditures with funding from NSF, DARPA, NIH, and the industry.

Established in 1964 and currently led by Dean Robert H. Bishop, the College of Engineering at the University of South Florida is ranked #57 among public institutions (#92 overall) by U.S. News & World Report’s 2023 engineering graduate school rankings. The college serves more than 6,600 students.

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**University of South Dakota**

**Assistant or Associate Professor, Computer Science**

The Department of Computer Science at The University of South Dakota invites applications for a tenure-track position at the Assistant or Associate Professor level.

Start date: January 2023 or August 2023.

For submitting your application, visit [https://yourfuture.sdbor.edu/postings/30846](https://yourfuture.sdbor.edu/postings/30846).

Review of applications to begin on October 17 and continue as they are received.
The University of South Florida invites applications for instructional faculty in Computer Science and Engineering. The Department of Computer Science and Engineering is seeking to hire multiple instructional faculty at the levels of Assistant and Associate Professor of Instruction who can teach a broad range of core and elective courses at the undergraduate and graduate levels in computer science, computer engineering, cybersecurity, and information technology. Special emphasis is on candidates who have a strong capability in teaching hands-on skills in cybersecurity. Interest or past experience in advising student organizations for cybersecurity competitions is desired. Candidates must have completed a PhD in computer science, computer engineering, cybersecurity, information technology, or a related engineering area from an accredited institution. Preference will be given to candidates with industry experience and/or teaching experience in an ABET accredited program. We expect successful candidates to contribute to our diversity and inclusion efforts. This recruitment is for a non-tenure earning full-time 12-month position. Successful candidates are expected to start in spring 2023 or fall 2023.

Computer Science and Engineering

The University of South Florida is a high-impact global research university dedicated to student success, generates an annual economic impact of more than $6 billion. Over the past 10 years, no other public university in the country has risen faster in U.S. News and World Report’s national university rankings than USF. Serving more than 50,000 students on campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF is designated as a Preeminent State Research University by the Florida Board of Governors, placing it in the most elite category among the state’s 12 public universities. USF has earned widespread national recognition for its success graduating underrepresented minority and limited-income students at rates equal to or higher than white and higher income students. Learn more at www.usf.edu.

An application package should include a cover letter, curriculum vitae, statements describing research and teaching experience and goals, and the names and contact information of at least three references (one of which must be the current immediate supervisor of the applicant). In your statements, please share your understanding of diversity and how you have been effective at promoting inclusive excellence among diverse populations either in teaching or research. Applicants must electronically submit the application packet as one PDF file to: https://www.usf.edu/work-at-usf/careers. For consideration, please apply to the appropriate position level (Assistant Professor, search Job ID #32109, Associate Professor, search Job ID #32110, Full Professor, search Job ID #32111). Applications will be considered starting immediately.

USF celebrates diversity and inclusive excellence in alignment with our Principles of Community. We believe our future success as an institution requires that we attract and retain a diverse workforce. We are proud to be an equal opportunity workplace and an affirmative action employer. All job decisions at USF are made without regard to race, color, ethnicity, religion or belief, age, disability, sexual orientation, gender identity or any other status protected by the laws or regulations in the locations where we operate. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Dual career couples with questions about opportunities are encouraged to contact the Department chair. To request disability accommodations in the application and interview process, please notify Khoa Dinh, the EOL Coordinator at (813) 974-9272 at least five working days in advance.
Professional Opportunities

Applications will be considered starting immediately.

USF celebrates diversity and inclusive excellence in alignment with our Principles of Community. We believe our future success as an institution requires that we attract and retain a diverse workforce. We are proud to be an equal opportunity workplace and an affirmative action employer. All job decisions at USF are made without regard to race, color, ethnicity, religion or belief, age, disability, sexual orientation, gender identity or any other status protected by the laws or regulations in the locations where we operate. The University of South Florida is an Equal Opportunity/Equal Access/Affirmative Action Institution. Women and minorities are strongly encouraged to apply. Dual career couples with questions about opportunities are encouraged to contact the Department chair. To request disability accommodations in the application and interview process, please notify Khoa Dinh, the EOL Coordinator at (813) 974-9272 at least five working days in advance.

University of Southern California

(Open Rank) Lecturer, Senior Lecturer, Associate, or Full Professor of Computer Science Practice

The Department of Computer Science (http://cs.usc.edu) at the USC Viterbi School of Engineering (https://viterbischool.usc.edu/) has multiple openings for teaching faculty positions at all ranks. These are full time, benefits and staff members/advisors, and offers BS, MS, and PhD degrees, serving over 2600 undergraduates, over 200 masters, and about 100 PhD students. USF CSE has a strong working relationship with CyberFlorida. CSE ranks include eleven NSF CAREER awardees, one National Academy of Inventors (NAI) Fellow, three IEEE Fellows, three IAPR Fellows, three AAAS Fellows, and three AIMBE Fellows. USF CSE is in the top 15% of Computer Science departments in US public universities. This ranking is according to most recent Academic Analytics data based on Scholarly Research Index AAD2020 using default weights for grants, articles, conferences, awards, and citations. For the fiscal year 2020-2021, the CSE had $4.5 million in research expenditures with funding from NSF, DARPA, NIH, and the industry.

Established in 1964 and currently led by Dean Robert H. Bishop, the College of Engineering at the University of South Florida is ranked #57 among public institutions (#92 overall) by U.S. News & World Report’s 2023 engineering graduate school rankings. The college serves more than 6,600 students, offering eleven bachelor’s programs, nine are ABET-accredited, as well as 15 master’s and eight doctoral degrees. The College is actively engaged in local and global research activities with $41 million in research expenditures for the fiscal year 2020-2021. The College has 12 major research centers and institutes and is actively engaged in local and global research activities focused on sustainability, biomedical engineering, artificial intelligence, cybersecurity, and transportation.

The University of South Florida is a high-impact global research university dedicated to student success, generates an annual economic impact of more than $6 billion. Over the past 10 years, no other public university in the country has risen faster in U.S. News and World Report’s national university rankings than USF. Serving more than 50,000 students on campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF is designated as a Preeminent State Research University by the Florida Board of Governors, placing it in the most elite category among the state’s 12 public universities. USF has earned widespread national recognition for its success graduating under-represented minority and limited-income students at rates equal to or higher than white and higher income students. Learn more at www.usf.edu.

An application package should include a cover letter, curriculum vitae, statement describing teaching experience and goals, and the names and contact information of at least three references (one of which must be the current immediate supervisor of the applicant). In your statement, please share your understanding of diversity and how you have been effective at promoting inclusive excellence among diverse populations in teaching. Applicants must electronically submit the application packet as one PDF file to: https://www.usf.edu/work-at-usf/careers. For consideration, please apply to the appropriate position level (Assistant Professor of Instruction, search Job ID #32116 and Associate Professor of Instruction, search Job ID #32118).
eligible faculty positions on the non-tenure track. We are seeking candidates to teach both undergraduate and graduate courses. The USC Viterbi School is committed to increasing the diversity of its faculty and welcomes applications from women; individuals of African, Hispanic, and Native American descent; veterans; and individuals with disabilities. We are interested in exceptional candidates at all levels.

This is primarily a teaching position; all candidates are expected to have a strong commitment to teaching and preparation necessary to teach effectively at the BS and MS level in a highly-ranked Computer Science department. Teaching faculty spend the majority of their time on teaching and teaching-related duties, with reduced obligations for research and university service. While we are interested in candidates with backgrounds in all areas of Computer Science, we are particularly interested in candidates with expertise in Algorithms, Artificial Intelligence, Machine Learning, Databases, Computer Games, Programming Languages, Networks/Systems, Software Engineering, Visualization, User Interfaces, and Data Science. Relevant industry experience is valued for candidates interested in teaching games-related courses. Candidates should have a doctoral degree in Computer Science (or equivalent) by the date of appointment. Salary and benefits are competitive. We are seeking applications at all levels (Lecturer, Senior Lecturer, Associate Professor of Practice, or Professor of Practice).

Applications must include a cover letter, a detailed curriculum vitae, and names of at least three professional references, at least two of whom must be familiar with, and able to comment on, the applicant’s teaching experience. Applications must also include a teaching statement explaining the applicant’s relevant experience and approach to teaching, and a separate diversity statement describing the applicant’s relevant experience and approach to fostering an environment of diversity. Applicants may optionally include a research statement. Applications should be submitted by January 6, 2023. Applications received after this deadline may not be considered.

The USC Viterbi School of Engineering is among the top tier engineering schools in the world. It counts 189 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, two National Science Foundation Engineering Research Centers, a Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security’s first University Center of Excellence, CREATE. The school is affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies, and the USC Stevens Center for Innovation. Research expenditures typically exceed $210 million annually. With 46 tenure-track, 31 research faculty, and 16 teaching faculty, the USC Department of Computer Science is one of the nation’s leading centers of research and education in the field.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

### University of Southern California

#### Viterbi School of Engineering Faculty

The Department of Computer Science ([http://cs.usc.edu](http://cs.usc.edu)) at the USC Viterbi School of Engineering ([https://viterbischool.usc.edu](https://viterbischool.usc.edu)) is in a period of significant and sustained faculty growth. We have multiple openings for tenure-track positions in all areas and at all ranks. The USC Viterbi School is committed to increasing the diversity of its faculty and welcomes applications from women; individuals of African, Hispanic, and Native American descent; veterans; and individuals with disabilities. Candidates committed to advancing diversity, equity, and inclusion through research, teaching, and service are strongly encouraged to apply.

We are looking for candidates with a strong commitment to research, doctoral student mentoring, and teaching at the undergraduate and graduate levels. All applicants must have earned a doctorate
Professional Opportunities

in Computer Science or a closely related field by the date of appointment.

Applicants should submit their applications online here.

Applications must include a cover letter indicating the applicant’s area of specialization, a detailed curriculum vitae, a statement on current and future research directions, a teaching statement, and names of at least three professional references. Applications must also include a statement describing the applicant’s relevant experience and approach on fostering an environment of diversity and inclusion. Applications should be submitted by January 6, 2023. Applications received after this deadline may not be considered.

The USC Viterbi School of Engineering is among the top tier engineering schools in the world. It counts 189 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, two previously awarded National Science Foundation Engineering Research Centers and Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security’s first University Center of Excellence, CREATE. The School is affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies, and the USC Stevens Center for Innovation. Research expenditures typically exceed $210 million annually. With 46 tenure-track, 31 research faculty, and 16 teaching faculty, the USC Department of Computer Science is one of the nation’s leading centers of research and education in the field.

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University of Texas at Dallas

Assistant Professor-Computer Science

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for multiple (8 to 10) tenure-system faculty positions in Computer Science at the rank of Assistant Professor. Applicants from all areas of computer science are sought. Applicants from emerging and interdisciplinary computing areas, including but not limited to quantum computing, robotics, computational neuroscience, IoT, cyber physical systems, and computational biology are strongly encouraged to apply. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate’s specialization area. In addition to teaching, the positions require an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

Candidates must have a PhD in Computer Science, Software Engineering, or equivalent and demonstrate their commitment to excellence in research, teaching, and service, which includes a strong commitment to principles of diversity, equity, and inclusion. All candidates are expected to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals of diverse backgrounds, skills, and perspectives. The appointment commences in the fall semester of 2023. A doctoral degree is required prior to joining; those with ABD status will be considered at the application/interviewing stage.

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,700 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,300 graduate students, and 50 tenure track faculty. Our faculty include 17 NSF CAREER awardees, and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000
square feet facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, machine learning, and software technologies for improved human performance.

Full information about the position can be found at https://jobs.utdallas.edu/postings/21280

The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful and inclusive of all members of the university community. The University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.

The University of Texas at Dallas is an equal opportunity/affirmative action university.

University of Texas at Dallas

Associate Professor - Computer Science

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for two tenure-system faculty positions in Computer Science at the rank of Associate Professor. Applicants from emerging and interdisciplinary computing areas, including but not limited to quantum computing, robotics, computational neuroscience, computational biology, and cyber-physical systems are especially encouraged to apply. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate's specialization area. In addition to teaching, the positions require an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

Full information about the position can be found at https://jobs.utdallas.edu/postings/21280

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University of Texas at Dallas

Assistant/Associate Professor of Computer Science

The Department of Computer Science at the University of Texas Rio Grande Valley seeks applicants for one or more faculty positions as part of a college wide cluster hire in the broad area of machine learning, artificial intelligence, data science, and intelligent engineering systems with applications in biomedical engineering, natural language and image processing, robotics, security, software engineering, big data analytics, high-performance computing, and algorithm development.

Please see the full position description at: https://aptrkr.com/3491503

The University of Texas Rio Grande Valley

Assistant/Associate Professor of Electrical & Computer Engineering

The Department of Electrical and Computer Engineering at the University of Texas Rio Grande Valley seeks applicants for a college-wide cluster hire in the broad area of machine learning, artificial intelligence, data science and intelligent engineering systems.

Please see the full position description at: https://aptrkr.com/3483179
CRA
Computing Research Association

Professional Opportunities

Assistant Professor Data Driven Intelligence (DDI)
College of Sciences, Department of Computer Science

The Department of Computer Science (CS) in the College of Sciences (CoS) at The University of Texas at San Antonio (UTSA) invites applications for at least two (2) tenure-track Assistant Professors in our fast-evolving research thrust of Data-driven Intelligence (DDI), which is closely aligned with the new School of Data Science and AI Matrix consortium at UTSA.

Specializations of interest include artificial intelligence, machine learning, data science and analytics, data visualization, databases, bioinformatics, cloud and edge computing, computer vision, data privacy and security, natural language processing, and symbolic reasoning, as well as applications of these specialties to create robust, secure, and trustworthy DDI solutions to solve complex real-world problems.

We are strategically hiring promising, accomplished, and diverse faculty (especially, women and underrepresented minorities (URM)). The most competitive applicants will have experience in data-intensive interdisciplinary research and/or curriculum development, scientific open-source projects and tool development, software reproducibility, and team science. Internationally recognized outstanding candidates at other levels and areas are also encouraged to apply.

UTSA is a Carnegie R1, urban-serving, Hispanic Serving Institution (HSI) deeply committed to student success and academic excellence including growing doctoral graduation. With 18% of faculty who identify as Hispanic/ Latino, UTSA ranks 2nd among all 20 Hispanic Serving Research Universities (HSRUs) for diverse faculty. Strategic hiring in key areas is fundamental to our future as outlined by President Eighmy’s Vision and Strategic Plan for UTSA. To accelerate our progress towards this compelling vision, UTSA has a Strategic Faculty Hiring Initiative, including the Dual Career Academic Partners Hiring Program and Accelerating Faculty Diversity Hiring Program. The department has an excellent record of hiring women and URM candidates and they are strongly encouraged to apply. The CS department is proud to be home to assistant professors who have established successful academic careers with significant extramural funding, including several NSF CAREER awards. The University is on a significant growth trajectory and is embarking on an ambitious plan toward becoming a model for student success, a great public research university, and an exemplar for strategic growth and innovative excellence backed up by significant resources and multipronged initiatives. Therefore, salary and start-up packages for the positions are highly competitive.

Review of applications will start on Oct. 17th, and please apply before November 1st for best consideration.

For more information and to apply, please visit: https://apptrkr.com/3471699

Women and URM candidates are strongly encouraged to apply.

For inquiries, please contact the search committee chair, Xiaoyin Wang at xiaoyin.wang@utsa.edu.

Applications must include:

• a letter of application
• a curriculum vitae
• a statement of research and a statement of teaching, both of which include discussion on the role diversity and inclusion plays in an academic environment
• the names, e-mails, and telephone numbers of 3-6 references

Applicants who are selected for interviews must be able to show proof that they will be eligible and qualified to work in the US by the time of hiring. UTSA helps with all visa issues.

The University of Texas at San Antonio is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.
Assistant or Associate Professor - Alvarez College of Business
Department of Information Systems and Cyber Security

Location: San Antonio, TX
Regular/Temporary: Regular
Job ID: 8604
Full/Part Time: Full Time

The University of Texas at San Antonio, Department of Information Systems and Cyber Security invites applicants for multiple tenure-track and tenured positions (rank: Assistant or Associate) beginning Fall 2023.

The focus of these positions is as follows:
- Cyber analytics, focusing on the intersection of analytics and security (e.g. anomaly detection in computing system data, artificial intelligence informed cyber situational awareness)
- Network security, focusing on (Industrial) Internet of Things (IoT) in 5G and NexGen Wireless
- Network security, focusing on zero trust networking
- Candidates must demonstrate strong potential for publishing in top-tier Information Systems, Data Analytics, or Cyber / Network Security publication venues.
- Ability to work with and be sensitive to the education needs of diverse urban populations and support the University’s commitment to thrive as a Hispanic Serving Institution and a model for student success.
- Candidates will be expected to participate in departmental service activities.
- Candidates are also expected to participate in pursuing cross-disciplinary research grants.

With almost 8,000 students, the UTSA Carlos Alvarez College of Business is one of the largest business schools in the nation and offers a comprehensive curriculum at the undergraduate, master’s and doctoral level. Accredited by AACSB International, the college was named one of the Top 5 undergraduate business programs in Texas by Bloomberg Businessweek. At the graduate level, the college was ranked the No. 4 Hispanic Serving part-time MBA program in Texas by U.S. News & World Report. UTSA is a comprehensive urban serving university that serves approximately 35,000 students on four campuses in San Antonio. UTSA has the express goal of becoming a premier public research university. It is located at the edge of the scenic Texas Hill Country and offers the amenities of a major multicultural, metropolitan area. With a population of over 1.5 million, San Antonio is within a few hours’ drive of Austin, Dallas, Houston, the Gulf of Mexico, and the Mexican border. Major industries include healthcare and biosciences, finance, tourism, military and cybersecurity.

Applications will be accepted until the position is filled.

Questions may be directed to Dr. Raymond Choo, Chair of the Search Committee, at mailto:raymond.choo@utsa.edu.

Salary and benefits are competitive and commensurate with qualifications and experience. UTSA offers an attractive package of benefits including medical and dental coverage plus a choice of participation in the Teacher Retirement System of Texas or an Optional Retirement System. https://www.utsa.edu/hr/Benefits/

Required Application Materials:
- A letter of application
- A curriculum vitae
- Evidence of research (five top publications, successful grant abstracts, etc)
- Names of three references along with their addresses, email contact information, and telephone numbers.
- Evidence of teaching (e.g., student evaluations)
- Statements must discuss the role of diversity and inclusion in research and teaching.

Required Qualifications:
- Ph.D. degree in Information Systems, Cyber Security, or related areas (e.g., Information Science, Computer Engineering, Computer Science, etc.) with a strong preference for a specialization in specialization in Cyber Security, or specialization in Data Analytics (e.g., machine learning, information retrieval, natural language processing, computational social science, etc.) or related field.
- Candidates who have not completed their dissertation (ABD) may also be considered, but they are expected to complete and defend their dissertation prior to employment.

Working Conditions:
- On Campus: Primary work location will be on Campus.

Additional Information:
- UTSA is a tobacco free campus.
- This is a security sensitive position. Employment is contingent upon a successful background check.
- Candidates must demonstrate strong potential for publishing in top-tier Information Systems, Data Analytics, or Cyber / Network Security publication venues.

EO/AA Statement:
As an equal employment opportunity and affirmative action employer, it is the policy of The University of Texas at San Antonio to promote and ensure equal employment opportunity for all individuals regardless of race, color, religion, sex, gender identity, sexual orientation, national origin, age, disability or genetic information, and veteran status. The University is committed to the Affirmative Action Program in compliance with all government requirements to ensure nondiscrimination. Women, minorities, people with disabilities and veterans are encouraged to apply. UTSA campuses are accessible to persons with disabilities.
Full information about the position can be found at https://jobs.utdallas.edu/postings/21275.

The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful and inclusive of all members of the university community. The University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.

The University of Texas at Dallas is an equal opportunity/affirmative action university.

University of Texas at Dallas

Associate Professor - Computer Science (Education)

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for one tenure-system faculty position in Computer Science at the rank of Associate Professor. This search is for applicants with expertise in Computer Science Education. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate’s specialization area. In addition to teaching, the position requires an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

Candidates must have a PhD in Computer Science, Software Engineering, or equivalent, and demonstrate their commitment to excellence in computer science education, research, teaching, and service, which includes a strong commitment to principles of diversity, equity, and inclusion. All candidates are expected to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals of diverse backgrounds, skills, and perspectives. The appointment commences in the fall semester of 2023.

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,700 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,300 graduate students, and 50 tenure track faculty. Our faculty include 17 NSF CAREER awardees, and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square feet facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, machine learning, and software technologies for improved human performance.

Full information about the position can be found at https://jobs.utdallas.edu/postings/21281.

The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful and inclusive of all members of the university community. The University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.

The University of Texas at Dallas is an equal opportunity/affirmative action university.

University of Tulsa

Assistant/Associate/Full Professor of Cyber Studies

The School of Cyber Studies at the University of Tulsa (TU) is seeking a full-time open-rank tenure-track faculty member beginning August 2023. As part of its new strategic plan, TU is building on its long history of excellence in cyber security, having recently established a new, interdisciplinary School of Cyber Studies to house B.S., M.S. and Ph.D. programs. We welcome applicants from any areas of cyber security and privacy but are especially interested in the following: incident response, cyber
operations, system security, and critical infrastructure protection.

The successful candidate will possess a strong record of research and demonstrate clear potential for establishing a vibrant research program in cyber security that attracts external funding and enhances the reputation of the School and TU. The successful candidate will collaborate with current faculty to develop and teach courses for the B.S. in Cyber Security, in addition to teaching in graduate programs.

Rank and salary are commensurate with academic qualifications, teaching and industry experience. We especially encourage applications from underrepresented groups such as Women, Black/African American, Hispanic/Latino, American Indian or Alaskan Native.

Applications will be reviewed upon receipt, and candidates are encouraged to submit their completed applications by November 30, 2022.

For more information on requirements and to apply, please visit https://universitytulsa.peopleadmin.com/postings/6823

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Tulsa
Assistant Professor of Computer Science - Data Science and Machine Learning

The Tandy School of Computer Science at The University of Tulsa (TU) seeks candidates to fill one tenure-track position at the Assistant Professor level. The position is designated for Data Science and Machine Learning. Applicants should have a PhD in Computer Science or related field, possess a strong record of research in their area of expertise and demonstrate clear potential for advancing the international recognition of TU in the areas. Applicants should also demonstrate a professional focus on pedagogy and commitment to the development of a strong curricula in Data Science that prepares students to lead efforts in advancing this field. The successful applicant is expected to engage in scholarly research, show potential to build an externally funded research program, and teach both undergraduate and graduate courses primarily in the areas of Data Science and Machine Learning.

Applicants should submit the following documents through TU's online application portal (https://universitytulsa.peopleadmin.com/postings/6828): (1) a CV, (2) a teaching statement, (3) a research statement, and (4) contact information for at least three references. Inquiries may be directed to dsmifacultysearch22@utulsa.edu.

Applications will be reviewed upon receipt. Candidates are encouraged to submit completed applications by November 14, 2022. The search will remain open until the position is filled.

The University of Tulsa seeks to recruit and retain talented students, faculty and staff from diverse backgrounds. The University of Tulsa is an affirmative action/equal opportunity employer and encourages qualified candidates across all group demographics to apply. The University does not discriminate on the basis of personal status or group characteristic including but not limited to race, color, religion, national or ethnic origin, age, sex, disability, veteran status, sexual orientation, gender identity or expression, genetic information, ancestry, or marital status.

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Tulsa
Assistant Professor of Computer Science - Computer Simulation and Gaming

The Tandy School of Computer Science at The University of Tulsa (TU) seeks candidates to fill one tenure-track position at the Assistant Professor level. The position is designated for the area of Computer Simulation and Gaming. Applicants should have a PhD in Computer Science or related field, possess a strong record of research in their area of expertise and demonstrate clear potential for establishing a vibrant research program in Computer Simulation and Gaming. The successful candidate will possess a strong record of research and demonstrate clear potential for advancing the international recognition of the Tandy School and TU. The successful candidate will collaborate with current faculty to develop and teach courses for the B.S. in Cyber Security, in addition to teaching in graduate programs.

Rank and salary are commensurate with academic qualifications, teaching and industry experience. We especially encourage applications from underrepresented groups such as Women, Black/African American, Hispanic/Latino, American Indian or Alaskan Native.

Applications will be reviewed upon receipt, and candidates are encouraged to submit completed applications by November 30, 2022. The search will remain open until the position is filled.

For more information on requirements and to apply, please visit https://universitytulsa.peopleadmin.com/postings/6823

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Tulsa
Assistant Professor of Computer Science - Operations, System Security, and Critical Infrastructure Protection

The University of Tulsa seeks to recruit and retain talented students, faculty and staff from diverse backgrounds. The University of Tulsa is an affirmative action/equal opportunity employer and encourages qualified candidates across all group demographics to apply. The University does not discriminate on the basis of personal status or group characteristic including but not limited to race, color, religion, national or ethnic origin, age, sex, disability, veteran status, sexual orientation, gender identity or expression, genetic information, ancestry, or marital status.

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Tulsa
Assistant Professor of Computer Science - Operations, System Security, and Critical Infrastructure Protection

The Tandy School of Computer Science at The University of Tulsa (TU) seeks candidates to fill one tenure-track position at the Assistant Professor level. The position is designated for Operations, System Security, and Critical Infrastructure Protection. The successful candidate will possess a strong record of research and demonstrate clear potential for advancing the international recognition of the School and TU. The successful candidate will possess a strong record of research and demonstrate clear potential for advancing the international recognition of the School and TU. The successful candidate will possess a strong record of research and demonstrate clear potential for advancing the international recognition of the School and TU.
Applicants should submit the following documents through TU’s online applications portal (https://universitytulsa.peopleadmin.com/postings/6834): (1) a CV, (2) a teaching statement, (3) a research statement, and (4) contact information for at least three references. Inquiries may be directed to csgfacultysearch22@utulsa.edu.

Applications will be reviewed upon receipt. Candidates are encouraged to submit completed applications by November 14, 2022. The search will remain open until the position is filled.

The University of Tulsa seeks to recruit and retain talented students, faculty and staff from diverse backgrounds. The University of Tulsa is an affirmative action/equal opportunity employer and encourages qualified candidates across all group demographics to apply. The University does not discriminate on the basis of personal status or group characteristic including, but not limited to race, color, religion, national or ethnic origin, age, sex, disability, veteran status, sexual orientation, gender identity or expression, genetic information, ancestry, or marital status.

The University of Tulsa is an Equal Opportunity Employer including Disability/Veteran.

University of Utah

School of Computing – Lecturing Professor Position

The School of Computing at the University of Utah seeks enthusiastic applicants for the position of Lecturing Professor (at all ranks) beginning in the fall semester of 2023. This lecturing faculty position is intended to be a long term or permanent position, with possibilities for extended contracts and promotion within the University’s Career Line Faculty structure.

The School of Computing currently employs 51 tenure-track and 9 lecturing faculty who collaborate to offer a variety of undergraduate and graduate degree and certificate programs. Lecturing faculty are valued members of the collegial School of Computing faculty and have frequent opportunities for professional growth.

The qualifications of an ideal candidate include (i) a PhD in computer science or a related field, (ii) a demonstrated proficiency in teaching, and (iii) an interest in curriculum development. Lecturing faculty typically teach four courses a year, are heavily involved in university governance and service, and are encouraged to continuously improve their scholastic credentials (e.g., by developing curriculum, employing innovative pedagogical methods, publication, etc.).

The School of Computing is updating the degree options for undergraduates, which provides an exciting opportunity for new lecturing faculty to make significant contributions to curriculum. In particular, candidates with expertise in web technologies (frontend/backend infrastructure, web UI/UX, virtualization, security, and cloud) are sought.

The University of Utah’s School of Computing is committed to recruiting, welcoming, and supporting a diverse community of undergraduate and graduate students, postdoctoral candidates, research scientists, staff, and faculty. To demonstrate this commitment, we have created the Utah Center for Inclusive Computing to broaden participation in the undergraduate majors (see ucid.cs.utah.edu). To build a more diverse and representative faculty, we strongly encourage applications from populations underrepresented in computing, as well as candidates with nontraditional backgrounds. The School is also committed to addressing lifestyle priorities and will work with candidates to develop opportunities for spouses and partners.

Salt Lake City is a desirable place to live, with a vibrant downtown showcasing cultural activities and dining options. Utah is renowned for its access to the outdoors, including world-class hiking and skiing opportunities. The University of Utah provides a generous benefits package with a variety of medical and dental plans from which to choose. Other important benefits include retirement, tuition reduction, a wellness program, and an Employee Assistance Program.

Candidates may apply through the following URL: https://utah.peopleadmin.com/postings/140224

Candidates are requested to submit a cover letter, CV, 3 references, and a teaching statement. We also require a one-page statement that describes how the candidate will contribute to fostering an inclusive research and teaching environment in the School of Computing (uploaded as ‘Applicant Document – Other’).
Review of applications will begin after November 1 and will continue until the position is filled.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and persons with disabilities are strongly encouraged to apply. Veterans’ preference is extended to qualified veterans. Reasonable disability accommodations will be provided with appropriate notice. For additional information about the University’s commitment to equal opportunity and access see: http://www.utah.edu/nondiscrimination.

University of Washington
Assistant and Associate Teaching Professor in the Paul G. Allen School of Computer Science & Engineering

Position Description
The University of Washington’s Paul G. Allen School of Computer Science & Engineering invites applications for full-time Assistant Teaching Professor and Associate Teaching Professor positions commensurate with experience and qualifications. Assistant and Associate Teaching Professors are non-tenured faculty members who are hired on multi-year appointments with a 9-month service period (plus summer opportunities). The anticipated start date is September 1, 2023.

All University of Washington faculty engage in teaching and service. Teaching professors are educational professionals who combine instructional excellence with a variety of leadership, community building, outreach, pedagogy advances, and other forms of scholarship. Our school offers a highly collegial and collaborative culture, with a range of teaching and curriculum-development opportunities in lower-division and upper-division courses for majors and non-majors. The Allen School fosters a diverse and inclusive academic community as a fundamental part of our mission as a public educational institution (see https://www.cs.washington.edu/diversity). Teaching professors help expand the School’s commitment to diversity, equity, and inclusion through teaching, research, and/or service (e.g., outreach, recruitment, retention, support). The University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers.

Positive factors for consideration include, but are not limited to, excellence in mentoring and service.

Responsibilities
• Develop and teach courses in the computing curriculum.
• Mentor and prepare students to serve as effective teaching assistants.
• Contribute to the university and the field through active service.
• Promote a diverse and inclusive community through teaching and service.

Qualifications
These positions require at least a Master’s degree (or foreign equivalent) or relevant teaching experience. Candidates must have a demonstrated record of excellence in teaching (instructor or teaching assistant).

Application Instructions
Applications received by November 14, 2022 will be given priority consideration. Applications will only be accepted via Interfolio. Prepare PDF files for the following requested materials: your cover letter, a complete curriculum vitae, a teaching portfolio, and a diversity statement. The teaching portfolio should address the following: teaching experience and interests, teaching philosophy and methods, and evaluation of teaching effectiveness. Additionally, applications for Associate Teaching Professor should address course and curriculum design. You are also asked to provide three confidential letters of recommendation.

We encourage applications from individuals whose backgrounds or interests align with our commitment to diversity. The diversity statement should reflect on the applicant’s past experiences and address future plans to contribute to a diverse and inclusive learning environment in the Allen School and the broader university community.

APPLY NOW
For any administrative issues or inquiries related to the search, please contact frc-teaching@cs.washington.edu. For technical issues, please contact Interfolio staff at 877-997-8807 or help@interfolio.com.

Equal Employment Opportunity Statement
University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

Commitment to Diversity
The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (http://www.washington.edu/diversity/diversity-blueprint/). Additionally, the University’s Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member’s academic profile and responsibilities (https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432).

Privacy Notice
Review the University of Washington Privacy Notice for Demographic Data of Job Applicants and University Personnel to learn how your demographic data are protected, when the data may be used, and your rights.

Disability Services
To request disability accommodation in the application process, contact the Disability Services Office at 206-543-6450 or dso@uw.edu.

COVID-19 Vaccine Requirements and Information
Under Washington State Governor Inslee’s Proclamation 21-14.1, University of Washington (UW) workers must be fully vaccinated against COVID-19 and provide proof thereof, or receive a UW-approved medical or religious exemption. This requirement will be a condition of any offer associated with this recruitment. For more information, please visit https://www.washington.edu/coronavirus/vaccination-requirement/.

University of Washington
Assistant Professor, Associate Professor or Full Professor in the Paul G. Allen School of Computer Science & Engineering

The University of Washington’s Paul G. Allen School of Computer Science & Engineering invites applications for multiple tenure-track positions across all areas in both Computer Science and Computer Engineering. Hires will be made at the Assistant (Tenure-track), Associate (Tenure-eligible), or Full (Tenure-eligible) Professor ranks, commensurate with experience and qualifications. The positions would be full-time, multi-year appointments with 9-month service periods and with an anticipated start date of September 1, 2023. Our school offers a highly collegial and collaborative culture, with broad interdisciplinary research ties across campus. We are leaders both in core computing and computer engineering research, and in research that applies computer science to solve pressing world challenges in medicine and global health, education, accessibility, developing world technology, and others. The Seattle area is particularly attractive given the presence of significant industrial research laboratories, top technology companies, as well as a vibrant technology-driven entrepreneurial community that further enhances the intellectual atmosphere.

The University continues building its culturally diverse faculty and staff and strongly encourages applications from women, underrepresented minorities, individuals with disabilities and veterans. The University is a first-round awardee of the National Science Foundation’s ADVANCE Institutional Transformation Award to increase the advancement of women faculty in science, engineering, and math (see www.engr.washington.edu/advance).

Moreover, College of Engineering has consistently had one of the highest percentages of women faculty in the top 50 colleges of engineering (US News and World Report Undergraduate Rankings). Additionally, the University’s Office for Faculty Advancement promotes the hiring, retention, and success of a diverse and inclusive faculty at the University of Washington.

The successful candidate will be relied upon to support our commitment to diversity, equity, inclusion and access. All University of Washington faculty engage in teaching, research, and service.

Qualifications
Applicants must have earned a doctorate (or foreign equivalent) in Computer Science, Computer Engineering, or related field, by the date of appointment.
Application Instructions

To ensure full consideration of your application, please submit all materials no later than November 15, 2022.

Applications will only be accepted via Interfolio.

Please provide pdf files for the following requested materials:

- Letter of application (cover letter)
- Complete curriculum vitae
- Research statement
- Teaching statement
- Diversity statement
- Your three most significant publications
- You are also asked to provide at least four confidential letters of recommendation.

Apply Now: https://apply.interfolio.com/112600

For any administrative issues or inquiries related to the search, please contact frc@cs.washington.edu. For technical issues, please contact Interfolio staff at 877-997-8807 or help@interfolio.com.

Application Process

This institution is using Interfolio’s Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

Equal Employment Opportunity Statement

University of Washington is an affirmative action and equal opportunity employer.

All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status. Proof thereof, or receive a UW-approved medical or religious exemption. This requirement will be a condition of any offer associated with this recruitment. For more information, please visit https://www.washington.edu/coronavirus/vaccination-requirement/.

University of Waterloo

Tenure-track Faculty Positions

The David R. Cheriton School of Computer Science in the Faculty of Mathematics at the University of Waterloo invites applications for tenure-track faculty positions. Priority areas include:

1. Robotics, Machine Learning, Multiagent Systems, Natural Language Processing or Computer Vision
2. Human Computer Interaction and/or Computer Supported Cooperative Work
3. Software Engineering
5. All areas of computer science, including multi-disciplinary and cross-disciplinary research.

Excellent faculty members are sought who will enhance the School’s strengths. Positions will normally be at the probationary (tenure track) assistant professor level. Appointments with tenure, at the associate and full professor level, are possible as circumstances warrant. At least one hire in each of the targeted areas is planned. All successful applicants are expected to engage actively in graduate student supervision and teaching, to contribute to the overall development of the School, and to be.

Privacy Notice.

Review the University of Washington Privacy Notice for Demographic Data of Job Applicants and University Personnel to learn how your demographic data are protected, when the data may be used, and your rights. Disability Services. To request disability accommodation in the application process, contact the Disability Services Office at 206-543-6450 or dso@uw.edu.

COVID-19 Vaccine Requirements and Information.

Under Washington State Governor Inslee’s Proclamation 21-14.1, University of Washington (UW) workers must be fully vaccinated against COVID-19 and provide
or to have demonstrated the potential to be, leaders in their research field. A PhD in computer science, or equivalent, is required. Rank and salary will be commensurate with experience; the salary range is $130,000 – $180,000 and negotiations beyond this salary range will be considered for exceptionally qualified candidates. The anticipated start date is July 1, 2023, however, alternate start dates may be negotiated.

The David R. Cheriton School of Computer Science is the largest computer science school in Canada, with 115 faculty members. It enjoys an excellent reputation in theoretical and applied research and houses a diverse research program of international stature. Because of its recognized capabilities, the School attracts exceptionally well-qualified students at both undergraduate and graduate levels. In addition, the University of Waterloo has an enlightened intellectual property policy that vests all rights in the inventor. Please see the School’s website for more information: https://cs.uwaterloo.ca/about/open-positions.

To submit an application, please register at the submission site: https://cs.uwaterloo.ca/faculty-recruiting.

Once registered, instructions will be provided regarding how to submit your full application.

Applications will be considered as soon as possible when received, with full consideration assured for those received by November 30, 2022.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg, and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Office of Indigenous Relations: https://uwaterloo.ca/indigenous/.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview, or workplace accommodation requests please contact Occupational Health at occupationalhealth@uwaterloo.ca. The office will work with the selection committee to secure accommodation while ensuring that the information is safeguarded and confidentiality is maintained.

If you have any questions regarding the position, the application process, assessment process, or eligibility, please contact Professors Stephen Mann and Olga Veksler, David R. Cheriton School of Computer Science, at cs-recruiting@uwaterloo.ca.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: https://uwaterloo.ca/faculty-association/why-waterloo.

University of West Florida

Assistant Professor Department of Intelligent Systems and Robotics – 125910

The University of West Florida (UWF), Pensacola, FL, USA in partnership with the Florida Institute for Human and Machine Cognition (IHMC) located in downtown Pensacola, FL developed a new Ph.D. program in intelligent systems and robotics (ISR). The program is the first of its kind in Florida and one of only a few in the nation. The Ph.D. program centers on researching and developing leading-edge intelligent systems and robotic software and hardware technology that combines human and machine elements to exploit their respective strengths and mitigate their respective weaknesses.

The UWF Department of Intelligent Systems and Robotics invites applications for a full-time tenure-track position, preferably at the assistant professor level. While recruiting in the area of robotics is currently a priority for our program, outstanding candidates in all areas of intelligent systems and robotics will be
The Computer Science Department seeks applications for multiple tenure-track assistant/associate professor positions. Preferred research expertise: software engineering, security, cloud computing, robotics, and human computer interaction.

Apply: https://careers-usu.icims.com/jobs/5542/assistant-associate-professor/job

Vanderbilt University

Professor of the Practice

THE DEPARTMENT OF COMPUTER SCIENCE (CS) AT VANDERBILT UNIVERSITY is seeking applicants for a professor of the practice or lecturer of computer science position with a target start date of as early as the Spring 2023 semester. Primary responsibilities are to teach three core CS courses per semester ranging from introductory to upper-division. Ideal qualifications include a Ph.D. degree in computer science, computer engineering, or a related discipline and prior teaching experience in these programs. This is a term appointment, eligible for renewal, contingent on performance. The CS department at Vanderbilt launched in 2020 a multi-year faculty recruitment and hiring process to propel the Vanderbilt computer science program to one of the leading academic programs nationally and beyond. We are committed to teaching and research excellence, and have a number of professors of the practice and lecturers who are fully integrated into the CS department.

For additional information and to apply, please visit https://careers.uwf.edu.

The start date for the position is August 8, 2023. The preferred response date to apply is February 2, 2023. Salary range: Commensurate with education and experience.

Additional information about the University of West Florida is available at www.uwf.edu.

The University of West Florida is an Equal Opportunity/Access/Affirmative Action/Disabled/Veteran employer. Any individual requiring special accommodation to apply is requested to advise UWF by contacting UWF Human Resources at 1-850-474-2694 (voice) or 1-850-857-6158 (TTY). A criminal background check is required for successful candidates. E-Verify required for employment. All applications for employment at the University are subject to Florida public records law.

Position Qualifications: Ph.D. in Computer Science, Electrical Engineering, Mechanical Engineering, or field closely related to intelligent systems and robotics from an accredited institution with a strong commitment to academic research, service and teaching.
With a metro population of over two million people, Nashville’s top industries by employment include trade, transportation and utilities; education and health services; professional and business services; government; and leisure and hospitality. Other industries include manufacturing, financial activities, construction, and information. Long known as a hub for health care and music, Nashville is a technology center with a considerable pool of health care, AI, and defense-related jobs available. In recent years, the city has experienced an influx of major office openings by some of the largest global tech companies and prime Silicon Valley startups.

Vanderbilt University has a strong institutional commitment to recruiting and retaining an academically and culturally diverse community of faculty. Minorities, women, individuals with disabilities, and members of other underrepresented groups, in particular, are encouraged to apply. Vanderbilt is an Equal Opportunity/Affirmative Action employer.

Vanderbilt University has made the safety of our students, faculty and staff, and our surrounding communities a top priority. As part of that commitment, the University recently announced that students, faculty, and staff are required to be vaccinated against COVID. As a prospective and/or a new employee at Vanderbilt, you will be required to comply with the University’s vaccination protocol. Effective August 1, 2021, proof of full vaccination or an approved accommodation will be required before the start of employment in order to work at Vanderbilt University. Accommodations for medical and religious exemptions can be requested with the Equal Opportunity and Access Office https://www.vanderbilt.edu/eoa/.

Applications should be submitted on-line at: https://apply.interfolio.com/115880. Applications should include a full CV, statement of teaching experience and interests, as well as names and email addresses of three references.

Review of applications will begin immediately, and applications will be accepted until the position is filled.

**Villanova University**

**Tenure Track, Assistant Professor of Computer Science**

The Department of Computing Sciences at Villanova University seeks to fill one tenure track faculty position at the rank of Assistant Professor beginning Fall 2023. Minimum qualifications include PhD in Computer Science or related field; active research agenda leading to high quality publications; commitment to effective teaching; support for interdisciplinary teaching and research; and commitment to promoting diversity and inclusion. Areas of particular interest include Virtual Reality, Data Science/Machine Learning, and Cybersecurity. Strong candidates in other areas are welcome to apply.

To apply go to: https://jobs.villanova.edu/postings/24016/

Questions about the position can be directed to Dr. Mirela Damian at mirela.damian@villanova.edu.

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**Tenure Track Assistant Professor for Computer Science**

For full consideration, Applicants should apply by: 10/15/2022

**Position Introduction:**

Vassar College’s Computer Science Department seeks to hire a tenure-track Assistant Professor starting in August 2023.

**Position Description:**

We seek creative individuals who are able to teach undergraduate courses in the department, maintain an active research program, and engage undergraduates in their research. The ideal candidate would be able to teach courses at all levels of the curriculum, including an upper-level course they develop in their area of research. Candidates with expertise in Human-Computer Interaction (HCI) or a related area are especially encouraged to apply. A PhD in Computer Science or a related field is expected by the start of the Fall 2023 semester. A typical teaching load is one lab course and one non-lab course each semester.

**All applicants must apply online at:** https://aptrkr.com/3460254
Virginia Tech

Faculty Positions

The Department of Computer Science at Virginia Tech invites applications for multiple tenure-track or tenured faculty positions at all ranks (Assistant, Associate, or Full Professor) in all areas of computer science. The department is in a period of rapid growth and expanding opportunity. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of fundamental and applied research and innovative teaching. We embrace Virginia Tech’s motto, Ut Prosim (‘That I May Serve’): we are committed to research, education, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

The department currently has 75 faculty members, including 60 tenured or tenure-track faculty, 16 early career awardees, and numerous recipients of faculty awards from IBM, Intel, AMD, Microsoft, Google, Facebook, Cisco and others. CS faculty members direct several interdisciplinary research centers, including the Center for Human-Computer Interaction and the Sanghani Center for Artificial Intelligence & Data Analytics. The department is home to over 1,400 undergraduate majors and over 600 graduate students and is located in the College of Engineering, whose undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

These positions are located at Virginia Tech’s main campus in Blacksburg, VA, in an area consistently ranked among the country’s best places to live. Our program in the Washington, D.C., area is also expanding rapidly, with Virginia Tech’s exciting new Innovation Campus in Alexandria, VA, slated to open in 2024. Candidates for faculty positions at the Innovation Campus are encouraged to apply to separate announcements for those opportunities.

The successful candidate will have a doctoral degree in computer science or a closely related field at the time of appointment, a rank appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured and tenure-track faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate levels, and serve the university and their professional communities. The positions require occasional travel to professional meetings.

Applicants must apply online at jobs.vt.edu (job number 522279): application materials include a cover letter; curriculum vitae; statements discussing teaching and research goals; a statement on contributions to advancing diversity, equity, and inclusion; and contact information for at least three references. Review of applications will commence on November 15, 2022 and continue until the positions are filled. Questions regarding the position should be directed to Dr. Ali R. Butt at facdev@cs.vt.edu.

The department fully embraces Virginia Tech’s commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need accommodation, please contact the Human Resources Services Center at hrservicecenter@vt.edu or at (540) 231-9331 at least 10 days prior to the visit.

Virginia Tech

Senior Faculty Position in Human-Computer Interaction

The Department of Computer Science at Virginia Tech invites applications for a tenured associate professor position in human-computer interaction (HCI) and related areas. Exceptional candidates
at the rank of full professor will also be considered. (Note: HCI-oriented faculty candidates at the assistant professor level may apply to the department’s general all-areas search.)

Strong candidates from any area related to HCI, user experience, or interactive computing are encouraged to apply. We especially encourage applicants with interests in novel interactive experiences and technologies, including but not limited to: physical computing, immersive environments (AR/VR/ XR), human-AI collaboration, internet of things, human-robot interaction, and creative technologies. The successful candidate will have opportunities for leadership and collaboration in the interdisciplinary Center for Human-Computer Interaction that includes more than 50 faculty across campus, the Institute for Creativity, Arts, and Technology, and the Sanghani Center for Artificial Intelligence & Data Analytics.

The Department of Computer Science is in a period of rapid growth and expanding opportunity. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of fundamental and applied research and innovative teaching. We embrace Virginia Tech’s motto, Ut Prosim (’That I May Serve’): we are committed to research, education, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

The department currently has 75 faculty members, including 60 tenured or tenure-track faculty, 16 early career awardees, and numerous recipients of faculty awards from IBM, Intel, AMD, Microsoft, Google, Facebook, Cisco and others. The department is home to over 1,400 undergraduate majors and over 600 graduate students and is located in the College of Engineering, whose undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

This position is located at Virginia Tech’s main campus in Blacksburg, VA, in an area consistently ranked among the country’s best places to live. Our program in the Washington, D.C., area is also expanding rapidly, with Virginia Tech’s exciting new Innovation Campus in Alexandria, VA, slated to open in 2024.

The successful candidate will have a doctoral degree in computer science or a related field at the time of appointment, a rank-appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction; and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate levels, and serve the university and their professional communities. Successful candidates will also have demonstrated leadership ability and a vision for enhancing HCI research, education, and community at the institutional level.

The successful candidate will have the opportunity to hold a partial appointment in the Institute for Creativity, Arts, and Technology, with a corresponding reduced teaching load.

Applicants must apply online at jobs.vt.edu (job number 522279). Application materials include a cover letter (please mention your interest in this senior HCI position); curriculum vitae; statements discussing teaching and research goals; a statement on contributions to advancing diversity, equity, and inclusion; and contact information for at least three references.

Review of applications will commence on November 20, 2022 and continue until the position is filled. Questions regarding the position should be directed to Dr. Doug A. Bowman at dbowman@vt.edu.

The department fully embraces Virginia Tech’s commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race,
Professional Opportunities

Virginia Tech

Rolls-Royce Commonwealth Professor

The Department of Computer Science at Virginia Tech invites applications to hold the Rolls-Royce Commonwealth Professorship in the College of Engineering. This endowed position will recognize a distinguished faculty member at the full professor rank, who will provide leadership in the department, college, and university in teaching and research in the area of artificial intelligence and machine learning (ML). We especially encourage applicants with expertise in scientific ML and explainable AI, e.g., physics-informed ML, knowledge-guided ML, surrogate modeling, hybrid-science-ML modeling, multi-scale and multi-fidelity modeling, inverse modeling, statistical downscaling, discovery of scientific theories from data, and ML-aided optimization of scientific simulations.

The Department of Computer Science is in a period of rapid growth and expanding opportunity. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of fundamental and applied research and innovative teaching. We embrace Virginia Tech’s motto, Ut Prosim (“That I May Serve”): we are committed to research, education, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

The department currently has 75 faculty members, including 60 tenured or tenure-track faculty, 16 early career awardees, and numerous recipients of faculty awards from IBM, Intel, AMD, Microsoft, Google, Facebook, Cisco and others. CS faculty members direct several interdisciplinary research centers, including the Center for Human-Computer Interaction and the Sanghani Center for Artificial Intelligence & Data Analytics. The department is home to over 1,400 undergraduate majors and over 600 graduate students and is located in the College of Engineering, whose undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

This position is located at Virginia Tech’s main campus in Blacksburg, VA, in an area consistently ranked among the country’s best places to live. Our program in the Washington, D.C. area is also expanding rapidly, with Virginia Tech’s exciting new Innovation Campus in Alexandria, VA, slated to open in 2024.

The successful candidate will have a doctoral degree in computer science or a closely related field at the time of appointment, a rank appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate levels, and serve the university and their professional communities. The position requires occasional travel to professional meetings.

Applicants must apply online at jobs.vt.edu (job number 522279): application materials include a cover letter (please mention your interest in this chaired position); curriculum vitae; statements discussing teaching and research goals; a statement on contributions to advancing diversity, equity, and inclusion; and contact information for at least three references.

Review of applications will commence on November 15, 2022 and continue until the position is filled. Questions regarding the position should be directed to Dr. Ali R. Butt at facdev@cs.vt.edu.

The department fully embraces Virginia Tech’s commitment to increase faculty, staff, and student diversity, to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech

religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and desire an accommodation, please contact the Human Resources Services Center at hrservicecenter@vt.edu or at (540) 231-9331 at least 10 days prior to the visit.
Professional Opportunities

The department currently has 75 faculty members, including 60 tenured or tenure-track faculty, 16 early career awardees, and numerous recipients of faculty awards from IBM, Intel, AMD, Microsoft, Google, Facebook, and others. CS faculty members direct several interdisciplinary research centers, including the Center for Human-Computer Interaction and the Sanghani Center for Artificial Intelligence & Data Analytics. The department is home to over 1,400 undergraduate majors and over 600 graduate students and is located in the College of Engineering, whose undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

Virginia Tech

Collegiate Assistant Professor

The Department of Computer Science at Virginia Tech invites applicants for a collegiate assistant professor position. Higher ranks (collegiate associate or collegiate full professor) will be considered based on the applicant’s qualifications. The department is in a period of rapid growth and expanding opportunity. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of teaching and research. We embrace Virginia Tech’s motto, Ut Prosim (‘That I May Serve’): we are committed to education, research, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

Applicants must apply online at jobs.vt.edu (job number 522277). Application materials include a cover letter; curriculum vitae; a statement discussing teaching perspective and goals; a statement on contributions to advancing diversity, equity, and inclusion; and contact information for at least three references.

Review of applications will begin December 1, 2022 and continue until the position is filled.
positions are filled. Questions regarding the position should be directed to Dr. Stephen Edwards, search committee chair, at edwards@cs.vt.edu.

The department fully embraces Virginia Tech’s commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need accommodation, please contact the Human Resources Services Center at hrservicecenter@vt.edu or at (540) 231-9331 at least 10 days prior to the visit.

Virginia Tech
Instructor

The Department of Computer Science at Virginia Tech invites applicants for two instructor positions. The department is in a period of rapid growth and expanding opportunity. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of teaching and research. We embrace Virginia Tech’s motto, Ut Prosim (‘That I May Serve’): we are committed to education, research, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

The department currently has 75 faculty members, including 60 tenured or tenure-track faculty, over 1,400 undergraduate majors, and over 600 graduate students. The department is in the College of Engineering, whose undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship. These positions are located at Virginia Tech’s main campus in Blacksburg, VA, in an area consistently ranked among the country’s best places to live.

The successful candidate will have a master’s degree in computer science or a closely related field, a proven ability to work collaboratively, experience with and commitment to interdisciplinary instruction, and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Instructors have a primary commitment to the undergraduate teaching mission of the department, including curricular and program development and the design and integration of innovative and inclusive pedagogy. Successful candidates should give evidence of potential to teach multiple computer science courses and to excel in classroom instruction. The instructor rank is a non-tenure-track position that offers a promotion path with increasingly long-term contracts.

Applicants must apply online at jobs.vt.edu (job number 522278): application materials include a cover letter; curriculum vitae; a statement discussing teaching perspective and goals; a statement on contributions to advancing diversity, equity, and inclusion; and contact information for at least three references. Review of applications will begin December 1, 2022 and continue until the position is filled. Questions regarding the position should be directed to Dr. Stephen Edwards, search committee chair, at edwards@cs.vt.edu.

The department fully embraces Virginia Tech’s commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need accommodation, please contact the Human Resources Services Center at hrservicecenter@vt.edu or at (540) 231-9331 at least 10 days prior to the visit.
Professional Opportunities

Wake Forest University
Tenure Track and Teaching Professional Positions

The Department of Computer Science at Wake Forest University is seeking applications for two open positions to begin July 2023: one tenure-track Assistant Professor position and one non-tenure track Assistant Teaching Professor or Assistant Professor of the Practice position.

For the tenure track position, successful candidates should have a demonstrated potential to develop a visible, externally funded research program within a setting that values high-quality teaching and mentorship of both undergraduate and graduate students. The Department is seeking candidates whose area of expertise falls within algorithms, software engineering, artificial intelligence and machine learning, and data management. Exceptional candidates in other areas may also be considered. Applicants should have completed a PhD in Computer Science or a closely related field by the time of appointment.

For the non-tenure track position, successful candidates should have a demonstrated potential to contribute to a culture of high quality teaching within the Department and to be a leader and innovator with respect to curriculum and teaching. The Department is seeking candidates with rich expertise and experience in computer science pedagogy or in areas tied to the practice of software development. Applicants should have completed a PhD in Computer Science or a closely related field or, alternatively, have completed a Masters degree in a computing-related area and have significant industry experience by the time of appointment.

For detailed information about each position and the corresponding application processes, visit:

Assistant Professor: https://go.wfu.edu/cs_ap/
Assistant Teaching Professor/Assistant Professor of the Practice: https://go.wfu.edu/cs-teach/

Washington State University
Multiple Tenured/Tenure-Track/Career-Track Faculty Positions in Cybersecurity

Washington State University (WSU) is starting a new research and education program to meet burgeoning demand for computer scientists with expertise in cybersecurity. This initiative is supported by $2 million in Washington state funding. To support this cybersecurity program across three WSU campuses (Everett, Pullman, and Tri-Cities), we plan to hire up to nine faculty in cybersecurity. We invite applications for permanent full-time tenured/tenure-track/career-track teaching faculty positions in the broad area of cybersecurity at the assistant/associate/full professor level. Some specific cybersecurity areas (including but not limited to) are systems/application security, privacy-preserving computing, applied cryptography, formal methods for security, security of machine learning systems, machine learning for security, hardware security, IoT and cyber-physical systems security, differential privacy and applied cryptography. Candidates can select their preference for WSU campus and the position level. The new faculty will have numerous collaboration opportunities with several large initiatives within the WSU system including (but not limited to) the WSU-PNNL Advanced Grid Institute (AGI), DOD-funded CySER Institute for cybersecurity, and NSF-USDA AgAID AI Institute.

Requirements: Candidates for Assistant Professor must have an earned Ph.D. degree in computer science or a related field by the time of hire; candidates for Associate Professor or Professor must additionally meet the WSU standards for promotion to those ranks.

Tenure-track candidates at all ranks must have published promising research work and demonstrate a strong commitment to building a world-class research and training program. Candidates must additionally have strong leadership qualities commensurate with the rank, as well as exceptional communication and interpersonal skills. Candidates should demonstrate a commitment to teaching excellence at both the undergraduate and graduate levels, and a commitment to diversifying the student body.
Career-track teaching faculty at all levels should demonstrate strong teaching, communication, and leadership skills, and optionally bring real-world experience working on cybersecurity tools and systems, and experience in developing cybersecurity related curriculum. Recent graduates and graduate students expecting to graduate by August 2023 who have a passion for teaching core undergraduate level computer science and cybersecurity courses are strongly encouraged to apply.

Duties: The job duties of successful candidates at all ranks include teaching undergraduate and graduate courses in cybersecurity and other relevant computer science and engineering courses, conducting funded research; publishing in top-tier venues, directing M.S. and Ph.D. student research programs, participating in the continuous teaching assessment activities of the relevant units and WSU campuses; effectively communicating and interacting with students; and collaborating with others within the unit, the University, or other organizations including regional partners such as the Pacific Northwest National Laboratory.

Washington State University is one of the nation’s top 50 public research universities in computer science according to U.S. News and World Report. WSU is among 108 public and private universities in America recognized with the “very high research activity” categorization and among 240 universities and colleges nationwide to earn the “community engagement” classification from the Carnegie Foundation.

WSU Pullman and Everett: The new faculty will join 37 existing tenure-track faculty members in the School of EECS, which has experienced rapid growth over the past four years. In 2021 approximately 1200 undergraduate students, and 275 graduate students are enrolled in the School. EECS expects continued increase in enrollments and anticipates multiple faculty hires over the next few years. The current faculty composition in the School of EECS includes a member of the National Academy of Engineering and ten fellows of national professional organizations as well as fourteen CAREER and Young Investigator award recipients. Our graduate students have recently won multiple prestigious awards including Microsoft Research fellowship, IBM Research fellowship, and NSF Computing Innovation fellowship.

With a population of 34,000, Pullman is a quintessential college town—ranked #1 in the “Best Cities to Live in Washington” by the Washington state Chamber of Commerce 2019 report, one of the top 10 college towns in the nation according to MSN’s 2012 report; ranked #15 safest college town in America by a SafeWise 2019 report; and recognized by Bloomberg Businessweek as the “Best Place to Raise Kids” in Washington State. Pullman consistently boasts one of the top school districts in the state. Situated to the east of the Cascade Mountains. Pullman enjoys a dry four-season climate (21 inches of annual participation), with sunny, warm summers, relatively mild winters, and excellent access to outdoor recreational opportunities.

Washington State University Everett is a student- and community-centered campus, located in the seventh-largest city in Washington State. The Everett campus provides the unique opportunity to align world-class WSU academics directly with industry partners whose headquarters are next door in the Puget Sound area, including Boeing, Microsoft, Naval Station Everett, and more. WSU Everett offers top-tier higher education to serve the local community, bringing the Coug experience to the west of the Cascade.

Less than 40 minutes from Seattle, Everett is a bustling business epicenter with a majestic natural backdrop. Snohomish County’s largest city is home to the second-largest marina on the West Coast and Boeing’s jumbo jet assembly plant, the largest building by volume in the world.

WSU Tri-Cities: The new faculty will join the School of Engineering & Applied Sciences (SEAS), an integral unit within the university’s Voiland College of Engineering and Architecture. SEAS is among the newest academic units at WSU Tri-Cities, with programs in computer science and civil, electrical, and mechanical engineering at the Baccalaureate, Master’s, and Doctoral levels, encouraging interdisciplinary initiatives. All undergraduate programs are accredited by ABET. The School currently has 314 students and expects continued enrollment increases. SEAS produces profession-ready graduates by educating them through project-based experiential learning. Students participate in laboratory experiences, develop industry-
sponsored projects, complete paid internships, and participate in research with their professors. Computer Science is an independently accredited program in SEAS currently with 3 permanent faculty positions, 64 undergraduates, and 5 graduate students. Cyber security research in collaboration with PNNL and supported by CySER is ongoing.

WSU’s Tri-Cities campus is in Richland, WA on the west banks of the majestic Columbia River. In this region, Richland, Kennewick, and Pasco make up the Tri-Cities, Washington. The campus draws from a regional population of approximately 260,000, and is expanding its reach both nationally and internationally, also benefiting from a newly renovated airport. The growing campus has approximately 1,600 students who are served by nearly 90 full-time and 250 adjunct faculty members, many of whom are full-time researchers and scientists at the Pacific Northwest National Laboratory or local science and engineering firms. WSU Tri-Cities is experiencing a time of unprecedented growth and development. Legislative support, tremendous community leadership and backing, and partnerships with businesses and community organizations have resulted in many exciting new and expanded initiatives in dynamic student engagement, research, and community collaborations.

Applications should include a cover letter indicating the level of position sought, preferred WSU campus or campuses (Everett, Pullman, Tri-Cities), and summarizing qualifications. All applications should also include teaching and diversity statements, curriculum vitae, and contact information for three references. Tenure-track/tenured faculty applications include research statement. Candidates should apply for positions at the campus or campuses which best match their career goals. Candidates may apply to one, two, or three campuses but will only be considered at the campus(es) to which they apply.

To apply, visit:
For WSU Everett:
tinyurl.com/everett-cybersecurity
For WSU Pullman:
tinyurl.com/pullman-cybersecurity
For WSU Tri-cities:
tinyurl.com/tricities-cybersecurity

Application review begins October 1, 2022. It is anticipated that successful candidates will begin their appointment no later than Aug 16, 2023.

For questions about WSU Everett positions, please contact Bolong Zeng at bzeng@wsu.edu. For questions about WSU Pullman positions, please contact Jana Doppa at jana.doppa@wsu.edu. For questions about WSU Tri-cities positions, please contact Mohamed Osman at osman@wsu.edu.

WSU is committed to excellence through diversity, has faculty friendly policies including a partner accommodation program, on-site childcare availability, and a NSF ADVANCE Institutional Transformation grant to increase the advancement of women faculty in science, engineering and math (see https://advance.wsu.edu/initiatives/). These open positions are part of WSU’s priority to build a diverse faculty and, as such, female and minority candidates are strongly encouraged to apply. WSU is an EEO/AA/ADA educator and employer.

Washington University in St. Louis

Faculty Positions (Assistant/Associate/Full Professor)

The Department of Computer Science & Engineering at Washington University in St. Louis has several tenure-track faculty openings at all ranks and in all areas of computer science & engineering, beginning on or after July 1, 2023. The department anticipates a focused recruiting effort over the next several years in several strategic areas including (but not limited to): autonomous systems (Cyber-Physical systems + AI/Machine Learning); security; imaging & vision; human and social factors in computing; and distributed, large-scale data processing systems.

Candidates are expected to publish their research in peer-reviewed conferences and journals, teach, and participate in department and university service. The usual teaching load is one course per semester. Diversity and inclusion are core values at Washington University.

Applicants must hold a doctorate in Computer Science, Computer Engineering, or a closely related field. Qualified applicants should submit a complete
application (cover letter, curriculum vitae, research statement, teaching statement, and diversity statement) through Interfolio at http://apply.interfolio.com/115036 and arrange for at least three letters of references to be submitted on their behalf.

Applications may be accepted until positions are filled; all applications received before December 15, 2022, will be given full consideration.

Please contact recruiting@cse.wustl.edu for questions related to this search.

Washington University in St. Louis is committed to the principles and practices of equal employment opportunity and especially encourages applications by those underrepresented in their academic fields. It is the University’s policy to provide equal opportunity and access to persons in all job titles without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, protected veteran status, disability, or genetic information.

**Weill Cornell Medicine**

**Research Faculty Position**

**Position Summary:**

The Department of Radiology at Weill Cornell Medicine invites applications for faculty positions at all levels. This search is part of a strategic initiative to build up a research ecosystem in Artificial Intelligence for Medical Imaging Applications. We are seeking candidates with a strong background and interest in mathematical, statistical, and computational concepts, including computer vision and machine learning. Candidates should have an established track record in interdisciplinary collaborative research related to medical imaging and/or Radiology. Cornell University, with its two closely-located campuses in New York City (Weill Cornell Medicine and Cornell Tech); rapidly growing academic and research programs in data science, AI, biomedical informatics, and health technologies; and its unique graduate field system that allows faculty members to recruit PhD students from a range of programs, offers unparalleled opportunities for cross-disciplinary research.

**Qualifications**

The candidate should have a Ph.D. degree in computer science, electrical engineering, or a closely related discipline. We seek individuals with evidence of excellent scholarship who have the potential or demonstrated ability to develop and lead a strong research program, including securing external funding to support the growth of their program.

Diversity is one of Weill Cornell Medicine’s core values and is essential to achieving excellence in patient care, research, and education. We welcome applications from candidates who share our commitment to fostering a culture of fairness, equity, and belonging. Weill Cornell Medicine is an Equal Employment Opportunity Employer, providing equal employment opportunities to all qualified applicants without regard to race, sex, sexual orientation, gender identity, national origin, color, age, religion, protected veteran or disability status, or genetic information.

**To apply:**

Interested applicants should send a curriculum vitae, bibliography, and statement of interests to:

Mert R. Sabuncu Associate Professor
Electrical and Computer Engineering
Cornell University and Cornell Tech
Department of Radiology, Weill Cornell Medicine E-mail: msabuncu@cornell.edu

**About Us:**

Weill Cornell Medicine: Founded in 1898, and affiliated with what is now New York-Presbyterian Hospital (NYPH) since 1927, Weill Cornell Medicine (WCM) is among the top-ranked clinical and medical research centers in the country. In addition to offering degrees in medicine, WCM also has PhD programs in biomedical research and education at the Weill Cornell Graduate School of Medical Sciences, and with neighboring Sloan-Kettering Institute and The Rockefeller University, has established a joint MD-PhD program for students to intensify their pursuit of Weill Cornell’s triple mission of education, research, and patient care. WCM is divided into 24 basic science and patient care departments that focus on the sciences underlying clinical medicine and/or encompass the study, treatment, and prevention of human diseases. The basic science and clinical departments are located in buildings that straddle York Ave. between 68th and 72nd streets on Manhattan’s Upper East Side. Weill Cornell Medical College has 1781 full-time faculty (3582 total faculty) distributed across 8 basic science and 15 clinical departments.
WCM maintains major affiliations with Memorial Sloan-Kettering Cancer Center, The Rockefeller University, the Hospital for Special Surgery, as well as with the metropolitan-area institutions that constitute NYP Healthcare Network.

Weill Cornell Medicine is a comprehensive academic medical center that’s committed to excellence in patient care, scientific discovery, and the education of future physicians in New York City and around the world. Our doctors and scientists—faculty from Weill Cornell Medical College, Weill Cornell Graduate School of Medical Sciences, and the Weill Cornell Physician Organization—are engaged in world-class clinical care and cutting-edge research that connect patients to the latest treatment innovations and prevention strategies. Located in the heart of the Upper East Side’s scientific corridor, Weill Cornell Medicine’s powerful network of collaborators extends to its parent university Cornell University, to Qatar, where an international campus offers a U.S. medical degree, and to programs in Tanzania, Haiti, Brazil, Austria, and Turkey. Our medical practices serve communities throughout New York City, and our faculty provide comprehensive care at NewYork-Presbyterian Hospital/Weill Cornell Medical Center, NewYork-Presbyterian/Lower Manhattan Hospital, and NewYork-Presbyterian/Queens. At Weill Cornell Medicine, we work together to treat each individual, not just their conditions or illnesses, as we strive to deliver the finest possible care for our patients - the center of everything we do.

**West Virginia University**

*Assistant or Associate Professor of Data Sciences, Eberly College of Arts & Sciences - 20841*

The School of Mathematical and Data Sciences at West Virginia University invites applications for two Assistant or Associate Professor tenure-track positions in Data Science starting August 2023. We are especially interested in big data computing, data management and acquisition, natural language processing and image processing.

The successful applicants must have 1) a PhD or equivalent degree in Data Science, Computer Science, Statistics, or a closely related field by the time of appointment; 2) demonstrated ability to develop a vigorous and externally funded research program; 3) strong potential for outstanding contribution to the School’s undergraduate teaching and research missions; 4) active in interdisciplinary collaborations.

For further information and to apply, please visit [WVU Careers](Job No. 20841).

The screening process will begin November 14, 2022.

**William & Mary**

*Tenure Track Assistant Professor - Three Positions*

The Data Science unit at William & Mary, a public university of the Commonwealth of Virginia, seeks applications for multiple tenure-track positions at the Assistant Professor level in Data Science. Appointments will begin August 10, 2023.

We are primarily interested in individuals with expertise in data visualization, data analytics (incl. artificial intelligence and machine learning, network analysis, natural language processing), data policy and ethics, data engineering (esp. high velocity data acquisition), and large scale simulations and modeling in support of diverse applications. Exceptional applicants from other areas of Data Science may also be considered.

Required Qualifications: Applicants must hold a Ph.D. in Data Science, Information Science, Computer Science, or a related field by the time of appointment (August 10, 2023). Preferred Qualifications: Postdoctoral research experience is desirable, and previous experience in teaching and mentoring successful undergraduate and graduate research is a plus.

Successful applicants are expected to establish and maintain a vibrant externally funded research program that inspires a highly motivated graduate and undergraduate student body, and to take advantage of the collaboration opportunities that W&M is offering. Teaching expectation is one course per semester. Successful applicants should have a broad knowledge of data analytics, with a strong interest in teaching to multidisciplinary, liberal arts audiences, including students in disciplines both inside and outside of traditional STEM areas. They are expected to contribute to a Data Science unit that builds on the diverse expertise of William & Mary to establish a nationwide leading program.

For specific details on the selection criteria, requirements, and application
Professional Opportunities

Please submit a cover letter, a curriculum vitae, as well as research, teaching, and diversity statements. The diversity statement should describe previous experience or future plans (or both) that demonstrate a commitment to diversity, equity, and inclusion.

Applicants will be prompted to submit online the names and email addresses of three references who will be contacted automatically with instructions for submitting letters of recommendation. Review of applications begins on December 1, 2022, and continues until the positions are filled.

**Williams College**

*Senior Faculty Position in Computer Science*

The Department of Computer Science at Williams College invites applications for a tenured faculty position at the associate or full professor level beginning July 1, 2023. We welcome candidates from all areas of computer science who can contribute to the vibrancy of our academic community through their research, teaching, and service.

The successful applicant will join the department’s thirteen current faculty in supporting a thriving undergraduate computer science major at a top-tier liberal arts college. The annual teaching load is three courses, with associated labs, spread over the fall and spring semesters. The Department of Computer Science offers a congenial working environment, an excellent and diverse student body, and state-of-the-

William & Mary

*Multiple Tenure-Track Faculty Positions in Computer Science*

The Department of Computer Science at William & Mary, a public university of the Commonwealth of Virginia, seeks applications for multiple tenure-track positions at the Assistant Professor level to begin August 10, 2023. We are interested in exceptional applicants from all areas of computer science. We are particularly interested in the areas of cybersecurity, machine learning/artificial intelligence, software engineering, and the broader area of data science to foster collaborations with the newly developing department of Data Science at William & Mary.

Opportunities for collaboration exist also with nearby NASA Langley and DOE’s Jefferson Lab in a variety of research areas such as high-performance computing, scientific computing, scientific machine learning, robotics, software engineering, and cybersecurity. The successful applicant will be expected to establish a high-quality research program, publish research results in top venues, teach at the undergraduate and graduate levels, supervise graduate and undergraduate research, and attract external funding to support their research activities.

**Required Qualifications:** Applicants must hold a Ph.D. in computer science or a related field at the time of appointment (August 10, 2023) and must have a strong research record and a commitment to quality teaching.

Located in the center of historic Williamsburg and known as a public Ivy, William & Mary is consistently ranked in the elite group of the Best National Universities-Doctoral by U.S. News and World Report and is committed to a multi-year effort to significantly strengthen and expand its computer science research program. With a teaching load of two courses per year and institutional support, the department has been rising in national rankings of graduate CS departments and has been the home of multiple NSF and DOE CAREER Awards. The department offers B.S., M.S., and Ph.D. programs. More information about the department can be found at [https://wwwcs.wm.edu](https://wwwcs.wm.edu).

William & Mary is deeply committed to diversity, equity, and inclusion. The department is dedicated to increasing the number of underrepresented groups in our student body and faculty. We strongly encourage applications from women, minorities, protected veterans, and individuals with disabilities. William & Mary is an Equal Opportunity/Affirmative Action employer. William & Mary conducts background checks on applicants for employment.

Applicants must apply online at [https://jobs.wm.edu/postings/50417](https://jobs.wm.edu/postings/50417).
Candidates should have a commitment to excellence in teaching, research, and leadership, as well as experience and interest in mentoring and departmental stewardship. They must have a tenured faculty position or experience commensurate with such a position.

Applications should include a cover letter, curriculum vitae, and teaching and research statements. The application materials should also address how the candidate’s teaching, scholarship, mentorship and/or service activities would support a student population that is broadly diverse. Candidates who advance in the pool will be asked to provide three letters of reference.

Application materials must be submitted electronically through Interfolio at http://apply.interfolio.com/11662. Materials may be addressed to Professor Stephen Freund, Chair, Department of Computer Science.

Completed applications received by December 1, 2022, will receive full consideration, and review of applications will continue until the position is filled. The search committee plans to conduct video conference interviews with semi-finalists in January, 2023, followed by on-campus interviews with finalists in February.

Please direct all correspondence to cshiring@williams.edu. All offers of employment are contingent upon completion of a background check as described here: https://faculty.williams.edu/prospective-faculty/background-check-policy/.

Williams College is a liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please visit the Williams College website (http://www.williams.edu). Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

**Equal Employment Opportunity Statement**

Williams College is a liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please visit the Williams College website (http://www.williams.edu). Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

**Worcester Polytechnic Institute**

**Assistant Professor - Computer Science**

**LOCATION**
Worcester

**DEPARTMENT NAME**
Computer Science - Department

**DIVISION NAME**
Worcester Polytechnic Institute - WPI

**JOB DESCRIPTION SUMMARY**

Looking for faculty colleagues who engage deeply in both research and teaching within a curriculum that embraces student projects and independent learning? Consider joining WPI where we seek faculty that can contribute to a diverse and inclusive community.

The Computer Science Department anticipates hiring two tenure-track faculty members for the Fall of 2023 whose expertise is in Security, Systems, or Theory (including areas such as Quantum Computing). In addition to these specific areas, outstanding candidates in any area (and any rank) will receive full consideration. Candidates should have a PhD in Computer Science or a closely related field, and the potential for excellence in research and teaching.

**JOB DESCRIPTION**

The Computer Science Department includes over 35 full-time faculty across two buildings. Construction recently completed for the newer of the two buildings, Unity Hall, which is the home of many interdisciplinary programs involving Computer Science. Computer Science has over 1,050 undergraduates students, over 50 Ph.D. students, and over 150 students seeking master’s level degrees.

WPI’s reputation as a rigorous and innovative university rests on the shoulders of its faculty. A highly selective, private technological university and one of the nation’s first, WPI believes that when great minds work together, great advances follow. At WPI the boundaries to multidisciplinary collaboration are few. Faculty members, students, and other partners work together on the real-world projects and purposeful research that are hallmarks of the WPI experience. We are most proud of a recent No. 1 ranking for “faculty who best combine research and teaching.” (Wall Street Journal/Times Higher Ed, 2016). We value both undergraduate and graduate student research. We want our faculty to succeed and provide faculty mentoring support for our early and mid-career colleagues. Located one hour west of Boston, the university’s campus is in Worcester, Massachusetts, a thriving 21st century college city recognized as a growing hub of scientific and technological innovation.

Questions about the hiring process should be sent to recruit@cs.wpi.edu. More information about the positions and instructions for applying are available at https://apptrkr.com/3542279. You will need to include detailed research and teaching statements, vitae and contact information for at least three references.

The deadline for applications is December 15, 2022 with applications continuing to be considered after that date until the positions are filled.

**FLSA STATUS**
United States of America (Exempt)

WPI is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. We are seeking individuals with diverse backgrounds and experiences who will contribute to a culture of creativity and collaboration, inclusion, problem solving and change making.

To apply, visit: https://apptrkr.com/3542279

**About WPI**

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

**Diversity & Inclusion at WPI**

WPI is committed to creating an inclusive workplace where everyone feels valued and respected. A place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.