

COMPUTING RESEARCH NEWS



Computing Research Association
Uniting Industry, Academia, and Government to
Advance Computing Research and Change the World.

SEPTEMBER 2022 Vol. 34 / No. 8



CRN At-A-Glance

CRA Update: Keeping you in the know

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see page 2 for full article

Taulbee Schedule

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see page 4 for full article

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As part of our efforts to increase communications, we welcome you to this **CRA Update: Keeping you in the know** column. For involvement in CRA activities, we will begin (on an annual basis) requesting nominations (self-nominations are welcome!) from the computing research community to participate in various CRA activities. We request you share the following form with anyone in your institution who might be interested in getting involved in CRA’s activities this academic year (though June 30th): cra.org/interest-form. (Deadline: September 30th, 2022)

In the following, we synthesize feedback received from TWO of the THREE opportunities to provide feedback during the opening plenary “CRA: Looking Forward” at the 2022 CRA Conference at Snowbird. As a reminder, the feedback opportunities were:

1. CRA’s new Executive Director Tracy Camp shared her vision for where CRA is headed for both the long- and-short-term, and then asked attendees: “What can/should CRA do for research community members, when we consider different points of one’s career?” The feedback received from this question will be shared in a future *Keeping you in the know* column.
2. Former CRA Board Chair Ellen Zegura described the [strategic planning process](#) and CRA’s current structure and governance, and then asked attendees for ideas on how to modify the board/committee structure and selection process in order to make CRA more effective and more representative of the computing community. The feedback received from this question is summarized next.
3. CRA’s flagship conference has been held at Snowbird since its inception. While Snowbird is a gorgeous location, some attendees struggle with altitude sickness. Thus, a final opportunity for feedback concerned whether the CRA Conference should be held in different locations moving forward. The feedback received from this question is summarized in this column (before the What’s Next section).



Increase CRA Engagement & Participation

Many CRA members would like to have more ways to get involved in CRA’s activities, and some of the involvement offered should not require large time commitments. The Computing Community Consortium (CCC) Visioning Workshops are a good example of such an activity, which encourages involvement but does not require a major time investment.

We heard that awareness of CRA’s activities is lower with faculty that are not in leadership positions, partly because CRA’s structure is not understood well by individuals who are new to the organization or from outside groups. For example, committee name abbreviations, such as CRA-I and CRA-WP, are not descriptive of the work they do. There was also interest in broadening participation at CRA’s conference beyond department heads/chairs.

Keeping you in the know (*continued*)

CRA members also expressed a desire for more inclusive leadership (e.g., MSI, teaching faculty, Board membership that better represents our field's ethnic diversity), as well as crowdsourced agenda setting.

Transparency

There was a request to share the CRA Board meeting agenda and minutes with all CRA members, as well as providing opportunities for input. This could include public comment sessions before and after the Board meeting to increase engagement. It was also suggested that non-Board members could be invited to Board meetings for discussions on specific topics. In addition, some attendees suggested that Board meetings be open to all, broadcast publicly, and actions and decisions of the Board published on the website. Lastly, the Board election process is not clear to members.

Communication

There is a desire for improved communication on CRA initiatives with members as well as expanded audiences, particularly the key agenda topics for the Board of Directors and CCC.

CRA members suggested conducting more online forums that allow two-way communication and reports on CRA successes, not just aspirations.

Finances

CRA members are interested in how membership fees are spent and suggested reduced costs for liberal arts institutions and small departments. There is the perception that dues are expensive and the cost is possibly excluding some institutions. In addition, CRA financial support could be more transparent.

Elections (Board Structure)

There was significant feedback on revising the structure of the Board and the election process. A few ideas suggested include:

- Segment election categories by university type (perhaps proportional to membership)
- Increase the number of appointed members on the Board
- Provide more information on candidates during the voting process (e.g., videos, statements, description on how the candidate increases diversity)

- Require diversity in the list of candidates (which would require a more active nominating committee)
- Encourage more minoritized individuals to self-nominate to the Board
- Reduce the term limit to six years, rather than nine
- Consider whether or not 24 at large Board members is the right number
- Publish data on past elections (candidates, winners, representation, etc.)

Elections (Voting)

There were also many comments on re-evaluating the current voting process for electing the Board. A few ideas suggested include:

- Eliminate the voting process and, instead,
 - » screen nominees for a minimal bar and then choose randomly
 - » curate selection from a qualified pool
- Anonymized review of candidates for voting (no name or picture, just words)
- Make information available on both the Board and membership composition at the time of voting (to increase visibility of disparity)

Location of the CRA Conference

CRA is considering moving the location of our flagship meeting which has traditionally been held at Snowbird, Utah since 1974 (CRA Conference at Snowbird). A contract to hold the 2024 CRA Conference at Snowbird is already in place, so this discussion is for the conference year 2026 and beyond. An overwhelming majority of those who responded were open to the idea of holding CRA's conference at another location in subsequent years. There was also a preference for a location that is less remote, for a resort-style location, and for keeping Snowbird in the rotation of conference locations. When asked what the conference should be called, "CRA Conference" was the most frequently mentioned name. For the frequency of the meeting, slightly more people responded with keeping the conference every other year, while a large number preferred an annual meeting.

What's Next?

Moving forward, this column, ***CRA Update: Keeping you in the know***, will be a regular feature in Computing Research News. The key goal of this column is to improve communications, based on

Keeping you in the know (*continued*)

input suggested at the 2022 CRA Conference. The author of the **CRA Update** column will change, depending on the news that is being shared. This one was written by Shar Steed and Tracy Camp at CRA, with significant input by CRA's Executive Committee.

In addition, on an annual basis, CRA will seek participation from members of the computing research community on various CRA activities that'll occur that academic year (through June 30th) . As three examples for this year, we are looking for 2-4 people to join (1) the CRA Governance Working Group, which will discuss how CRA's current Board structure might be improved, (2) the Socially Responsible Computing Working Group, which will define the scope and develop a strategy to establish CRA as a leader in promoting socially responsible computing research, and (3) the CRA Engagement Working Group, which will consider how

CRA can (and should) be engaged in the different points of a computing researcher's career.

All the opportunities for possible involvement are listed on the following form: cra.org/interest-form. Some of the activities listed do not require much time (one Zoom call!), while others will be more significant. See the form for the commitment level of any given activity. We encourage you to nominate yourself (due by September 30th!) for an activity of interest and/or share the form with others in your institution who might also be interested in getting involved in CRA activities. Once the committees / working groups are defined, we can then get to work, together, to improve CRA, the computing research community, and society as a whole.

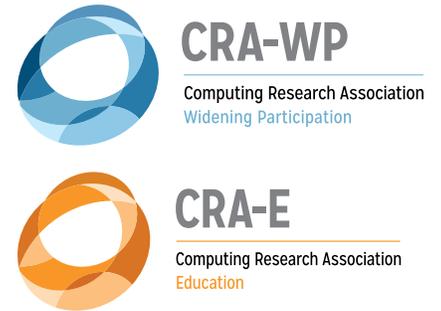
2022 CRA Taulbee Survey Announcement

The 2022 CRA Taulbee Survey will be starting soon. As has been our recent practice, the survey will be split into two parts, salary and main (everything else). This allows us to set an earlier deadline for the salary section in order to produce a preliminary salary report in December, while giving departments more time to collect and enter the information in the rest of the survey if needed.

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National Science Foundation Selects Recipients of the 2022 CSGrad4US Fellowship Program



By Erik Russell, CRA Director of Programs

The National Science Foundation recently selected sixty-nine recipients of the **2022 CSGrad4US Fellowship Program**. The objective of the Computer and Information Science and Engineering (CISE) Graduate Fellowships (CSGrad4US) is to increase the number of diverse, domestic graduate students pursuing research and innovation careers in the CISE fields: computer science, computer engineering, or information science. CSGrad4US recipients will participate in the CSGrad4US Mentoring Program organized by the Computing Research Association with funding provided by the National Science Foundation through award #2231962.

The goals of the CSGrad4US Mentoring Program are:

1. To guide returning students through the application process toward a successful CS Ph.D. admission and school selection.
2. To mentor them through the transition to Ph.D. graduate study during their first year in order to support their success as a student and to help position them to achieve their long-term career goals.

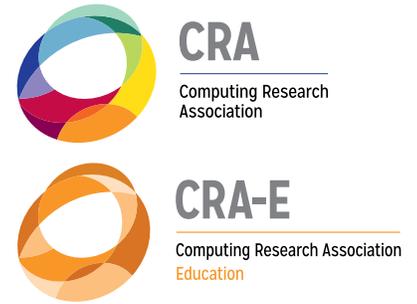
Specific topics include the admissions process, preparation of all components of a strong graduate application, differences between graduate programs at different institutions, how to compare programs with respect to their goals and background, and general guidelines on making a selection among admission acceptances.

The CSGrad4US Mentoring Program will provide not only general graduate application advice and guidance, but also provide a larger context and network to students returning from the workforce. These goals are achieved through group mentoring sessions followed by individual coaching during the application and decision-making process and their first year in graduate school.

Beginning in early-September, the sixty-nine individuals in the 2022 CSGrad4US Cohort will be mentored by 22 computing researchers from academia and industry who will serve as coaches, with additional guidance provided by area advisers, coaching coordinators, and the CSGrad4US Mentoring Program Leadership Team.

The CSGrad4US Mentoring Program Leadership Team is comprised of **Program Leaders:** Susanne Hambrusch, *Professor, Purdue University*, Russ Joseph, *Associate Professor, Northwestern University*, Lori Pollock, *Professor, University of Delaware*, and Kelly Shaw, *Associate Professor, Williams College*, **Coaching Coordinators:** Dorian Arnold, *Associate Professor, Emory University*, Lori Clarke, *Emerita Professor, University of Massachusetts-Amherst*, and Maria Gini, *Professor, University of Minnesota*, **CRA Staff:** Kristi Kelly, *Senior Research Associate*, Lauren Lashlee, *Program Associate*, and Erik Russell, *Director of Programs*.

Nominations Open for 2023 CRA Award for Outstanding Undergraduate Researchers



The Computing Research Association (CRA) is pleased to announce the annual CRA Award for **Outstanding Undergraduate Researchers**, which recognizes undergraduate students in North American colleges and universities who show outstanding research potential in an area of computing research. The award is a wonderful way to recognize your best student researchers and your department.

Eligible nominees must be enrolled as undergraduates in a North American college or university in Fall 2022. PhD-granting departments may nominate up to four students and other departments may nominate up to two students.

Up to four CRA Outstanding Undergraduate Research Awards will be made. Each award recipient will receive financial assistance of up to \$1500 to attend a research conference of their choice. Additional nominees will be designated as runners-up, finalists, and honorable mentions. The award recipients, runners-up, finalists, and honorable mentions will be announced by e-mail in mid-December, will receive certificates of their awards, and will be recognized on CRA's website.

Everything you need to submit a nomination for the CRA Outstanding Undergraduate Researchers Award, including detailed instructions and the nomination form, is available at: <http://cra.org/crae/awards/cra-outstanding-undergraduate-researchers/>.

Questions and inquiries about the awards should be sent to: undergradawards@cra.org. **The deadline for nominations is Friday, October 14, 2022, at 9 PM ET. The nominations package will need to be submitted as one PDF file in the order specified in the instructions.**

Microsoft Research and **Mitsubishi Electric Research Labs** (MERL) sponsor the CRA Outstanding Undergraduate Researchers Award Program in alternate years. The 2023 award is being sponsored by Mitsubishi Electric Research Labs (MERL). This award is managed by the **CRA Education Committee**.

Faculty members nominating a student for the CRA award are encouraged to talk to the student about the NSF Graduate Research Fellowship Program (GRFP). The required nomination materials are similar, and some can be used for both the CRA-E award and the NSF GRFP application. The NSF Graduate Research Fellowship Program recognizes and supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based Master's and doctoral degrees at accredited United States institutions. See <https://www.nsfgrfp.org/> for information for applicants, letter writers, how to sign up as a panelist, and the **program solicitation**. Applications for GRFs are due the week after the CRA award nominations, on October 18, 2022.

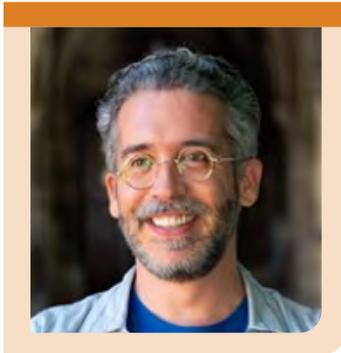
Please share this award information with your colleagues!

CRA-E Announces New Board Members and Co-Chair

The CRA Education Committee (CRA-E) recently welcomed two new members to its board: Borja Sotomayor and Steven Swanson. Susanne Hambrusch (Purdue University) has stepped down as the committee Co-Chair, and Kelly Shaw (Williams College) has stepped into the role, serving along with Lori Pollock (Delaware). Susanne will remain a board member and continue her work in a different role. Brandon Myers will be leaving the CRA-E board in August, and CRA-E thanks him for contributions during his service on the committee.

Borja Sotomayor

*Associate Senior Instructional Professor,
Department of Computer Science,
University of Chicago*



Borja Sotomayor earned his PhD in Computer Science from the University of Chicago in 2010, and degree in Ingeniería en Informática (equivalent to a BS/MS in Computer Engineering) from the **University**

of Deusto. He is an Associate Senior Instructional Professor in the Department of Computer Science, where he **teaches** intro CS, software development, computer networks, and distributed systems. He is also the Director of the **Masters Program in Computer Science**. Borja is also the faculty advisor to the CS department's student organizations, including **ACM-W** and **CompileHer**. While he is not actively involved in research at the moment, his **research** has primarily focused on resource allocation on distributed systems using virtualization.

When Borja is not working, he enjoys watching movies, travelling, hiking, following US politics, cooking Spanish food, **designing t-shirts**, and **tweeting** about all of the above.

Steven Swanson

*Professor,
Department of Computer Science and Engineering,
University of California, San Diego*



Steven Swanson is a professor in the Department of Computer Science and Engineering at the University of California, San Diego and the director of the Non-volatile Systems

Laboratory. His research interests include the systems, architecture, security, and reliability issues surrounding heterogeneous memory/storage systems, especially those that incorporate non-volatile, solid-state memories. He has received an NSF CAREER Award, Google Faculty Awards, a Facebook Faculty Award, and been a NetApp Faculty Fellow. He is a co-founder of the Non-Volatile Memories Workshop. In previous lives, he worked on low-power co-processors for irregular applications and building scalable dataflow architectures. He received his Ph.D. from the University of Washington in 2006 and his undergraduate degree from the University of Puget Sound in 1999.

CRA-E's Undergraduate Research Highlights: "Gluttonous" Algorithm Feeds Research Growth



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](#).

"Gluttonous" Algorithm Feeds Research Growth **Rhea Jain, B.S. Computer Science and Mathematics, Carnegie Mellon University**

This Q&A highlight features Rhea Jain, an Honorable Mention in the 2021 CRA Outstanding Undergraduate Researchers award program. Rhea graduated from Carnegie Mellon University and is now a PhD student at the University of Illinois Urbana-Champaign. This interview has been edited for length and clarity.

What originally influenced you to consider doing research as an undergraduate?

I really enjoyed the undergraduate theory course at CMU and later joined the course staff as an undergraduate teaching assistant (TA). Many of the other TAs talked about research opportunities, so I became curious.

I decided to take CMU's two-semester research seminar course. The first semester is about the research process, especially how to read and analyze papers. In the second semester you're supposed to work on a small research project. Ultimately, the seminar ended up going virtual in March, so the research project kind of fell apart, but the course was an exciting introduction to the research process and the possibilities out there.

Tell us about the research project that became your senior thesis.

After taking a grad-level algorithms course with [Anupam Gupta](#), I reached out to say I was really interested in what we learned in the course and asked if there were any opportunities for research. We discussed what I'm interested in and my background. He was like, "You know, actually, I have a problem I've been thinking of working on—why don't you go read about this and let me know what you think." That was the [Steiner Forest problem](#).

Anupam was trying to explore greedy-style algorithms to see if we could get a [constant-factor approximation](#). A greedy algorithm takes the next step that looks the best at the time. So, he defined the "gluttonous" algorithm—more greedy than greedy. He had [already shown](#) that the gluttonous algorithm gives a constant-factor approximation, but the analysis was imprecise in some steps, leaving room for improvement. Most of my senior thesis project was asking, what's the actual approximation factor? I proved a tighter factor and shared my results during the senior thesis presentations.

What challenges did you encounter in research? What did you learn from them?

I often thought I had a proof, but in the process of formally writing it down, realized it broke. That cycle really showed me the difference between research and homework. If you're stuck on a homework problem, no professor or TA will let you go too far down a rabbit hole. The completely open-ended nature of research was daunting at first. I just had to follow a direction until I hit a wall; there was no one to tell me whether an idea would work.



Research Highlights *(continued)*

“My biggest concern with research was: Am I smart enough? Do I know enough? Actually sitting down and working on a project helped me realize research is doable, and more enjoyable than anything else I had done before.”

RHEA JAIN



CRA-E

Computing Research Association
Education



I learned to be very comfortable with the idea of not “succeeding” in research, not getting any results. The process matters more, especially when first starting out.

What were some of your favorite aspects of research?

I really enjoyed collaborative problem-solving, especially brainstorming sessions with Anupam and his PhD student, **Roie**. We would talk through ideas for an hour or two at a time. I learned a lot from seeing their thought processes and getting feedback on my ideas. Figuring out even a small piece of a problem was a huge kick.

How has participating in research shaped your professional path?

I loved working as a TA at CMU from sophomore year on, so I definitely saw an academic career as a possibility. Research solidified that desire. Until senior year, my biggest concern with research was: Am I smart enough? Do I know enough? Actually sitting down and working on a project helped me realize research is doable, and more enjoyable than anything else I had done before, like software internships. That gave me a lot of confidence and clarity going into grad school.

Do you have any advice for other students looking to get into research?

Don't be scared to reach out to professors. You'd be surprised how many are willing to work with you. On the flip side, don't take it personally if they say no. Talk to upperclassmen and grad students to learn about faculty advising styles and find what will work for you.

– Edited by Nadia Ady and Ian Ludden

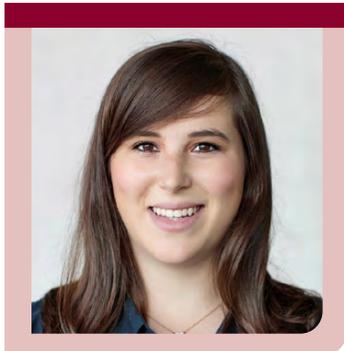
CI Fellow Spotlight: Alexis Block - Mobile Social - Physical Human-Robot Interaction and Embodiment



CCC

Computing Community Consortium
Catalyst

By Maddy Hunter, CCC Program Associate



CI Fellow, **Alexis E. Block** began her CIFellowship at the University of California, Los Angeles in September 2021. Block is mentored by Veronica J. Santos, Director of the **UCLA Biomechanics Laboratory**, Professor of Mechanical Engineering and the school's Associate Dean for Equity, Diversity and Inclusion (EDI) and Faculty Affairs. Prior to beginning her CIFellowship, she received her Dr. sc. from **ETH Zurich** where she was a part of a joint program called the Max Planck ETH Center for Learning Systems. Block recently won the **Otto Hahn Medal from Germany's Max Planck Society** for her dissertation work in human-robot interaction and the development of the "HuggieBot" which you can read about [here](#).

The remainder of this post is written by Alexis E. Block

Current Research: Mobile Social-Physical Human-Robot Interaction and Embodiment

An epidemic of loneliness existed before COVID-19, especially among teens and older adults, due to social isolation and the resulting lack of social touch and interactions. This isolation led to depression, suicide, and self-harm. The COVID-19 pandemic compounded this issue with more people isolating than ever before (immunocompromised individuals, older adults, and other risk categories). It will take time before these groups can re-enter society safely. At the same time, friends, family, and medical staff struggle to balance their health with patients' need for clinical and affective touch. I am motivated to find a way to help bridge the gap between staying safe and providing people with the beneficial affective touch we need to feel socially connected.

A critical factor for successful human dexterous manipulation is a sense of touch, which is even more true for robots. Unfortunately, too often, robots lack this essential modality. My current research involves creating novel tactile sensors for simple grippers already incorporated into commercially available robotic systems to provide them with this beneficial perception capability during semi-autonomous and teleoperated use. Through hardware and software upgrades to "Stretch," a human-safe co-robot created by Hello Robot, I am working to create a low-cost, easily deployable, teleoperated system that allows human operators to interact fully and feel like an equally embodied agent from anywhere in the world. Specifically, my work seeks to enable medically vulnerable populations to engage in community activities, allow remote workers to perform physical, dexterous tasks from anywhere in the world, and enable loved ones to provide affective touch to infected and medically vulnerable individuals.

Impact

The COVID-19 pandemic has made tangible the struggles of maintaining physical distance from friends, family, and co-workers for the entire world. These struggles, a daily reality for many people long before the pandemic hit, are now struggles for everyone. When a "new normal" returns to the world, medically vulnerable populations will continue to be left out of attending school and other enriching community activities. This work can potentially improve the quality of life for such individuals and the quality of work.

Additional Research

My research is generally focused on human-robot interaction. The types of interactions I'm most interested in have both a social and a physical component. I was recently awarded an **Otto Hahn Medal**, which is the highest award by the Max Planck Society for outstanding scientific achievement by junior scientists, for my dissertation work on **HuggieBot**, the first human-sized interactive hugging robot with visual and haptic perception. In addition, I recently won the Best Demo Award (with co-authors) at the 2022 EuroHaptics Conference for my Hands-On-Demonstration, "HuggieBot: A Human-Sized Haptic Interface."

"I want to thank CRA, CCC, and NSF for this fellowship opportunity to support my postdoc. Not only have I been able to pursue independent research interests, but I have gained experience in guest lecturing and mentoring students at various educational

Alexis Block (continued)

levels ranging from high school, undergraduate, Master's and Ph.D., many of whom are under-represented in computer-science and engineering. I'm also getting the experience and opportunity to serve the robotics community through organizing the Southern California Robotics Symposium (<https://www.scr.ucla.edu>), which is taking place at UCLA on September 22-23, 2022. Finally, I'm excited to be applying for faculty positions this fall!" - Alexis E. Block

The CCC Transitions Back to In-Person Workshops Following the Pandemic

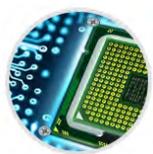
By Maddy Hunter, CCC Program Associate

The COVID-19 pandemic disrupted many aspects of the world and the way we do things. One of those aspects was conferences, as well as the in-person visioning activities considered to be the Computing Community Consortium's (CCC) bread and butter. The community relies on these activities to forge new connections, spark collaborations and bring people together to discuss interdisciplinary problems and solutions.

Since the onset of the pandemic, the CCC held a number of virtual and hybrid workshops to provide a venue for important research discussions and enable networking and social interaction while researchers could not get together as they did in the past. The virtual hiatus, while beneficial in many regards, highlighted the importance of in-person events.

Recently, the CCC has transitioned back to in-person workshops, while maintaining strong awareness and precautions of the evolving state of the pandemic. Over the past few weeks, the CCC held two in-person workshops. Reports will be out for both of these in the coming months.

Artificial Intelligence and Operations Research II - Atlanta, GA (August 16-17).



Jointly sponsored by the CCC, ACM SIGAI and the Institute for Operations Research and Management Sciences (INFORMS), the goal of the workshop was to bring together researchers from AI and OR to exploit their

synergies and create a joint strategic vision to transform highly scalable, actionable, automated data-driven decision-making. This was the second in a three-part workshop series. You can read the report from the first workshop [here](#).

Mechanism Design for Improving Hardware Security - Washington, D.C (August 24-25).



This interdisciplinary workshop brought together hardware and software security experts, economists and policy makers to discuss ways to improve the design and uptake of hardware

security mechanisms. In addition to looking at traditional technical solutions, participants investigated new mechanisms to incentivize designers, system integrators, and users to create and maintain security of their systems.

The community was reminded of the importance of in-person interaction and participation, with networking and ideas coming out of the conversations that many felt have suffered in virtual meetings. While the CCC will continue to take precautions and safety measures, we hope to get back to more in-person events. We are also exploring ways to facilitate forms of virtual aspects of CCC visioning activities. You can see our upcoming and past activities [here](#).

CRA Board and CCC Council Member Katie Siek Releases Paper Discussing why Submitting “junk data” to Period Tracking Apps will not Aid in Protecting Reproductive Privacy



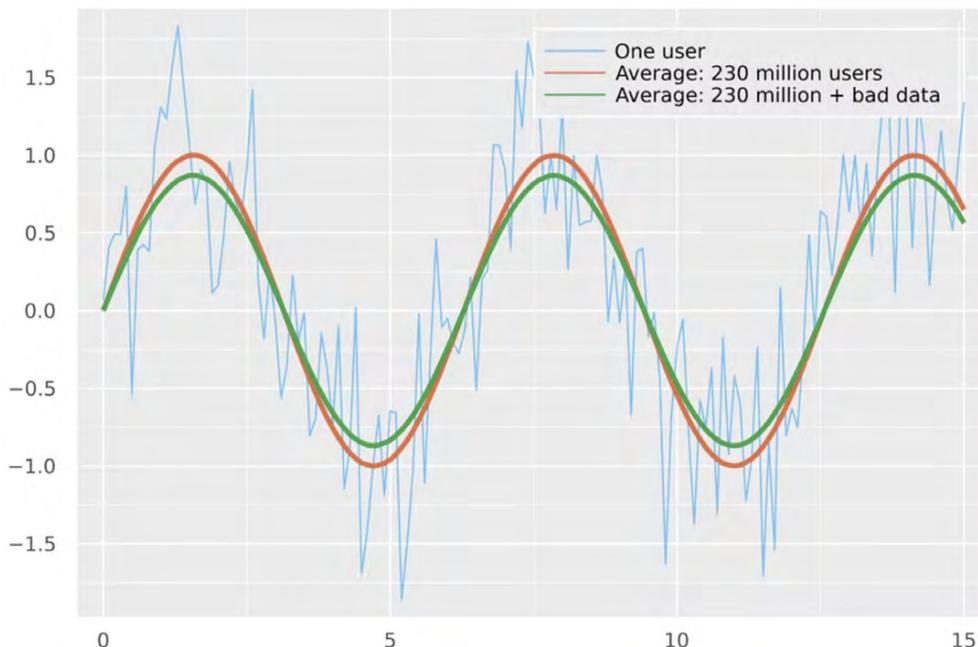
By Catherine Gill

In July, CRA Board and CCC Council Member **Katie Siek**, along with two PhD student collaborators, **Zaidat Ibrahim** and **Alexander Hayes** from Indiana University, released an article in the journal *The Conversation* about public concern regarding the use of period tracking apps.

Recently, many, including researchers and experts, have voiced apprehension over using period tracking applications since the overturn of *Roe v. Wade*, fearing that state and local governments may attempt to subpoena user’s period data from the owners of these apps. Some have even gone so far as to input false data into these period tracking apps, in the hopes that this “junk data” will confuse the applications’ algorithms, and cause the apps to generate inaccurate ovulation and fertility based predictions.

However, this effort, while perhaps well intentioned, is misguided.

The first issue with this approach is that “junk data” is not a new phenomenon. Every app and technology which accepts user input has to protect against junk data, by making their algorithms more robust. As the article states, “Even if junk data successfully “confused” the algorithm or provided too much data for authorities to investigate, the success would be short-lived because the app would be less accurate for its intended purpose and people would stop using it”. And to even begin to confuse these algorithms would take millions of users inputting false data, a feat quite unlikely to be achieved, at least without using automated bots. Take the app Flo for example; Flo is the largest period tracking app on the market, and has a registered user count of 230 million. The graph below, created by Hayes, demonstrates how much the Flo app algorithm would change if 3.5 million users input junk data.



The blue line represents a single user. The orange line is the average of 230 million users. The green line combines 230 million users submitting good data with 3.5 million users submitting junk data. Note that there is little difference between the orange and green lines. Alexander Lee Hayes, CC BY-SA



Reproductive Privacy (*continued*)

Secondly, as Siek herself points out in an interview for [The Herald-Times](#), “The app is kind of the least of the concerns”. What Dr. Siek means by this is that there are a plethora of other apps, devices, and records which would give much more definitive answers regarding one’s pregnancy status. Receipts for pregnancy tests or doctors visits, search engine results, GPS tracking, phone and bank records; any one of these pieces of personal information would likely convey much more conclusive answers about a person’s pregnancy status than their period tracking app results.

So what can people do to advocate for their privacy? Katie Siek advises concerned citizens to talk to their federal and local legislators and convince them to protect individual data privacy. When searching for information regarding abortions, Siek also advises reducing your data footprint by searching in incognito mode. Many period tracking apps, including Flo, have announced they will release “anonymous modes” of their apps for users who would like to be less easily identified. The extent to which Flo and other period apps will dissociate technical identifiers, such as name or email address, from users’ data remains to be seen, but in terms of data privacy, these are steps in the right direction.

To view *The Conversation* article by Siek et al., [please click here](#).

How do Current Students Pay for Their Degree Programs?



By Evelyn Varzebinski, CERP Senior Research Associate

Most common funding per degree type

<p>Doctoral (N = 1,319)</p> <ol style="list-style-type: none"> 1. Research Assistantship 2. Teaching Assistantship 3. Scholarship, fellowship, grant, or other aid 	<p>Master's (N = 1,853)</p> <ol style="list-style-type: none"> 1. Personal savings 2. Private loan 3. [tie] Family support (NOT to be repaid); Family support (to be repaid)
<p>Bachelor's (N = 11,577)</p> <ol style="list-style-type: none"> 1. Family support (NOT to be repaid) 2. Scholarship, fellowship, grant, or other aid 3. Personal savings 	<p>Associate's (N = 181)</p> <ol style="list-style-type: none"> 1. Scholarship, fellowship, grant, or other aid 2. Family support (NOT to be repaid) 3. Federal loans

Source: CRA Data Buddies Survey (2021). Center for Evaluating The Research Pipeline. Computing Research Association.

Notes: Respondents could select multiple options; the three most common for each degree type are displayed here. See article for additional options not displayed.

As prospective students consider postsecondary degree programs, a common question that emerges is how to pay for that program. While there are many different types of funding a student could choose, what are the more common funding sources that students ultimately use? To understand the situation for current undergraduate and graduate students, CERP investigated the common ways that students at different degree types pay for their program, as reported in late 2021.

First, CERP computed the average number of reported funding sources for each degree type. Overall, students in Associate's degree programs reported using an average of 3.5 funding sources (SD = 1.5); students in Bachelor's degree programs reported an average of 2.7 funding sources (SD = 1.6), and students in Master's and Doctoral degree programs each reported an average of 2.0 funding sources (SD = 1.1 and SD = 1.0, respectively). While CERP does not collect information regarding the funding amount, duration, or effort needed to procure each of these funding sources, these averages can be helpful indicators regarding the number of times a student needs to seek funding support throughout their program.



Degree Programs *(continued)*

Finally, CERP calculated the three most common sources of funding for each degree type, as visualized in the graphic. This uncovered some interesting findings. At the graduate level, there are clear differences between funding support reported by students in Doctoral and Master's degree programs, where students in Master's degree programs report more personal sources of funding, many of which require repayment. Students at the undergraduate level (Bachelor's and Associate's degree programs) report more of a mix of personal and external funding sources. Overall, these results are calculated broadly across all students in a particular degree type and do not take into account any differences such as current enrollment status (full-time or part-time) or socioeconomic status, among others. Future work may include consideration of such differences as well as longitudinal comparisons by degree type to understand changes over time.

Notes:

The survey data analyzed for this infographic were collected by [Center for Evaluating the Research Pipeline](#) via [The Data Buddies Project](#). Overall participation rates were based on 14,930 Associate's, Bachelor's, Master's, or Doctoral students who provided a response to the question: "How are you paying for your program? Please select all that apply." Response options were "Federal student loans", "State student loans", "Private student loans", "Credit (e.g., personal loans, credit cards, etc.)", "Personal savings", "Scholarship, fellowship, grant, or other aid", "Research assistantship", "Teaching assistantship", "Full-time work", "Part-time work", "Employer support (e.g., vocational rehabilitation, tuition benefits, etc.)", "Military/Veterans benefits/assistance", "Family support (e.g., spouse/partner, parents, etc.) - to be repaid", "Family support (e.g., spouse/partner, parents, etc.) - NOT to be repaid", and "Other".

This analysis is brought to you by 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.

CRA Board and CRA-I Steering Committee Member Fatma Özcan honored with VLDB Women in Database Research Award



CRA-I
Computing Research Association
Industry

By Helen Wright, CRA-I Senior Program Associate



Fatma Özcan, a Principal Software Engineer in the Systems Research at Google, has been awarded the **2022 Very Large Database (VLDB) Women in Database Research Award**. Özcan is a member of both the CRA Board of Directors and the **Computing Research Association-Industry (CRA-I) Steering Committee**.

Sponsored by the **Very Large Database Endowment Inc.**, the award focuses on the cumulative lifetime work of the researcher. Özcan was specifically honored “for two decades of research in query languages and query processing, and her development of new technologies that have had significant impact on widely-used data management products.”

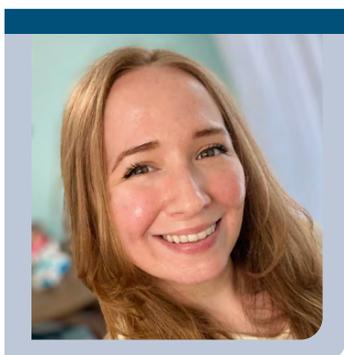
The Women in Database Research Award is one of many presented at the annual **VLDB Conference**, “this series is perhaps the most international (in terms of participation, technical content, organization, and location) among all comparable events.”

Congrats, Fatma!

CRA and CRA-WP Welcome Lauren Lashlee



CRA-WP
Computing Research Association
Widening Participation



CRA has recently hired Lauren Lashlee as a program associate for the Widening Participation (CRA-WP) committee. In this role, she supports CRA-WP programs that focus on increasing the success and participation of underrepresented groups in computing research.

Lauren was raised in Savannah, GA. She holds a Bachelor’s degree in Early Childhood Education with an endorsement in K-12 English as a Second Oral Language. Before joining CRA, Lauren was an educator for six years in Savannah-Chatham County Public Schools and Fairfax County Public Schools. She enjoys cooking, painting, and physical activities.

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Evelyn Yarzebinski, Senior Research Associate, CERP

Column Editors

Expanding the Pipeline
Soha Hassoun, Tufts University
Patty Lopez, New Mexico State University

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 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.

ASSISTANT PROFESSOR Mathematics

Job Title:

Baruch College – Assistant Professor - Mathematics

Job Description:

The Department of Mathematics of Baruch College – CUNY invites applications for an anticipated tenure-track position beginning on or about August 24, 2023. The appointment will be at the assistant professor level. The department is seeking a candidate to be a contributor to our new major in computer science which is expected to begin in the fall 2023.

The department offers undergraduate majors in mathematics, financial mathematics, actuarial science, and is expanding the computer science minor into a major. At the graduate level we offer an MS degree in financial engineering. Baruch is one of the City University of New York's senior colleges, housing the Zicklin School of Business, the Weissman School of Arts and Sciences, and the Marx School of Public and International Affairs. It has over 20,000 undergraduate and graduate students in its three schools.

NOTES:

Until further notice, this is a hybrid position, eligible to work remotely and work on-site in the office. All CUNY employees must reside within a commutable distance to the tri-state area.

Candidates will be required to provide proof of being fully vaccinated against COVID-19 upon commencing employment. Exemption (medical or religious) requests to this requirement will be considered in accordance with applicable law. Being fully vaccinated is defined for this purpose as being at least two weeks past their final dose of an authorized COVID-19 vaccine regimen. Final candidates must be fully vaccinated as of their first day of employment.

Compensation and Benefits:

CUNY offers faculty a competitive compensation and benefits package covering health insurance, pension and retirement benefits, paid parental leave, and savings programs. We also provide mentoring and support for research, scholarship, and publication as part of our commitment to ongoing faculty professional development.

Qualifications:

A Ph.D. in Computer Science or a related field is required, as well as strong undergraduate teaching skills and a demonstrated commitment to research. Preference may be given to candidates from practical subfields of computer science.

- How to Apply:

Go to the CUNY website cuny.jobs to see the complete position description and job requirements in CUNYfirst under Job Opening ID #24806. You can view and apply for this job in CUNYfirst via the following direct link to the posting <https://cuny.jobs/new-york-ny/assistant-professor-mathematics/043DD7E0ACCE48629FCE78D92750C021/job/>

All applications must be submitted online both at MathJobs.org and at CUNYFirst. A complete application at MathJobs.org will include an AMS cover sheet, curriculum vitae including a list of publications, at least three letters of reference, one of which should address the candidate's teaching, short statements describing teaching philosophy and future research plans. In addition, applicants should submit a narrative statement describing their commitment to working effectively with faculty, staff, and students in a multicultural/multiethnic urban campus environment with a substantial population of students who are among the first-generation of their family to attend a college or university.

The application at CUNYFirst will include candidate's curriculum vitae, answers to screening and self-identification questions, and an agreement to terms and conditions.

Emailed or hard copy applications will not be considered.

If you have any questions, please contact

<http://www.baruch.cuny.edu/math/>

Prof. Warren Gordon

Closing Date:

Review of resumes will begin on October 09, 2022; to ensure consideration, a complete application must be submitted by November 07, 2022.

EEO Statement:

CUNY encourages people with disabilities, minorities, veterans and women to apply. At CUNY, Italian Americans are also included among our protected groups. Applicants and employees will not be discriminated against on the basis of any legally protected category, including sexual orientation or gender identity. EEO/AA/Vet/Disability Employer.

Berea College

Tenure-track Position in Computer Science

Berea College seeks applications for full-time, tenure-track opening in Computer Science. Candidates should demonstrate interest in the liberal arts, able to make connections with other disciplines, and interest in active-learning techniques in teaching. Applicants who have completed Ph.D. in C.S. or related fields by mid-August 2023 are given full consideration. Applicants with a Master's in C.S. or related fields and significant industry experience will be considered for a continuing faculty position. We welcome all subdomains, but specialists in cybersecurity, graphics and visualization, front-end design, accessibility, and socially responsible computing are encouraged to apply.

Applicants from underrepresented groups in computing are especially encouraged to apply.

The full ad can be found at <https://tinyurl.com/59uk6zjt>

Boston University

Endowed Chair in Environmental Data Science

Boston University seeks to hire an endowed chair in Environmental Data Science, with specific focus on the theory and applications of data science to Environmental Science and Sustainability, to begin in the Fall 2023 semester pending Provost budgetary approval. The candidate we seek will be an exceptional

scholar with a proven record of high-impact research at the interface of data science, environment, and sustainability. The successful candidate will be jointly appointed with tenure in Boston University's Faculty of Computing & Data Sciences and in the Department of Earth and Environment. This position will anchor a cluster of new faculty and will support two key priorities in Boston University's newly released strategic plan: Data Science and Sustainability. The successful candidate will provide significant guidance and leadership in recruiting a number of additional faculty members in this field.

Senior scholars focused on theoretical and applied computational and data-driven inquiry, with expertise in one or more areas of data science, broadly conceived, are encouraged to apply. Because of our focus on environmental systems, geospatial and spatiotemporal approaches to data science are of particular interest. Priority research and teaching foci include, but are not limited to the theory, methods, and computational tools for analyzing very large environmental data sets, including remote sensing data with high spatial, temporal or spectral resolution, sensor network data, and social or organizational data, with application to environmental and ecological monitoring and forecasting; energy and environmental policy analysis; coupled human and natural system modeling; integrated assessment models; or climate change projections, impacts, and adaptations.

The successful candidate will have the opportunity to collaborate with a rich array of academic and research units engaged in environmental and

sustainability research at Boston University including the Sustainability Research Institute, Center for Remote Sensing, BU Marine Program, the Institute for Sustainable Energy, BU Biogeosciences program, BU URBAN program, the BU Initiative on Cities, and the Pardee Center for the Study of the Longer-Range Future. They will also contribute to development of curricula and degree programs in environmental data science and sustainability at the undergraduate, professional Masters, and PhD level. Given Boston University's strategic investment in Data Science and Sustainability, the successful candidate will have excellent opportunities to translate theory and research results into real-world impact by collaborating with stakeholders at the local, national, and international scale.

To apply, please submit a cover letter, CV, research and teaching statements (including a statement on diversity and inclusion) to <https://www.academicjobsonline.org/ajo/jobs/22121>. Informal queries may be addressed to the co-chairs of the search committee, Mark Crovella (crovella@bu.edu) and Michael Dietze (dietze@bu.edu).

Boston University is 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 PhD to a woman and that Martin Luther King Jr. received his PhD here. We welcome, embrace and respect diversity of people, identities, and cultures. We are committed to fostering an organizational culture of diversity and inclusion where all students, faculty, and staff can thrive, productively collaborate

and learn, advance understanding and create new knowledge.

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

Department of Electrical and Computer Engineering

Tenure-Track Faculty Position

The College of Engineering at Boston University has embarked on a bold strategic plan aimed at excellence and impact along convergent and collaborative research themes. **The Department of Electrical & Computer Engineering (ECE)** at Boston University (BU) anticipates an opening for a **Tenure-Track Assistant Professor** in the area of **Computer Systems**. We seek candidates in operating systems, compilers, cybersecurity, or software engineering to build future cloud and edge computing systems for a smart, secure, and connected society. Potential application areas include healthcare, communications, transportation, finance, and scientific computing.

Candidates with research programs that transcend the traditional boundaries of ECE may explore affiliated appointments in appropriate departments and divisions,

such as Computer Science, Mathematics and Statistics, Systems Engineering, or the newly created Faculty of Computing and Data Sciences.

BU ECE attracts exceptional undergraduate and graduate student and faculty talent at all levels. Research activity by primary faculty is approximately \$26M per year. The College of Engineering is currently ranked 35th in the nation by US News and World Report, and 15th among private universities. The College is 5th in the nation in total funding from NSF among engineering schools at private universities. BU ECE faculty lead and participate in several high-profile, multidisciplinary research centers, including the Center for Information and Systems Engineering, the Hariri Institute for Computing and Computational Science and Engineering, the Center for Systems Neuroscience, the Rajen Kilachand Center for Integrated Life Science and Engineering, and the Photonics Center.

We are looking for outstanding candidates who have earned or are expected to earn a Ph.D. in the relevant search area before Fall 2023, demonstrate potential for leading an independent and vibrant funded research program in their area of expertise, can teach effectively at the graduate and undergraduate levels, and can utilize their expertise to strengthen collaborative research within the department and beyond.

For more information about BU ECE, please visit: <http://www.bu.edu/ece/>

We encourage candidates to apply early. Applications received by **December 15, 2022** will be given full consideration.

For more information and to apply please visit: <https://academicjobsonline.org/ajo/jobs/22255>

Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice and a commitment to broadening participation of underrepresented groups in engineering. 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

ECE Teaching Faculty

The Department of Electrical and Computer Engineering at Boston University invites applications for an anticipated teaching position beginning the fall term of 2022. 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.

ECE at BU is a world-class department with excellent resources that is steadily gaining national and international prominence for its exceptional research and education record. ECE is part of BU's rapidly growing and innovative College of Engineering, and currently consists of 47 faculty members, 325 graduate students, and 350 BS majors.

Beyond its research and academic activities, BU has a lively, urban campus situated along the banks of the Charles River in Boston's historic Fenway-Kenmore neighborhood. The campus and surrounding areas offer limitless opportunities for recreational activities, from world-class art and performances to sporting events and fine dining.

Interested applicants should send a cover letter and Curriculum Vitae by e-mail to:

The ECE main office ECEmain@bu.edu or contact the department by regular mail.

Boston University is an Equal Opportunity/Affirmative Action Employer.

Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice and a commitment to broadening participation of underrepresented groups in engineering.

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.

Brown University

Professor of Cyber and Security and International and Public Affairs

The Watson Institute for International and Public Affairs at Brown University invites applications for a faculty position in "cyber and security" to begin in July 2023. We are seeking applicants whose research focuses on various aspects of the intersection between cyber technologies and human security. Research of interest includes, but is not limited to, topics such as the impact of algorithm-based surveillance on marginalized communities, the strategic manipulation of cyber information for geopolitical gain, the intersection between social media and surveillance, the implications of autonomous weapons systems and drone warfare, and the development of offensive and defensive cyber weaponry.

This faculty position will involve a joint appointment between the Watson Institute and a relevant tenure-granting disciplinary department at Brown. We welcome applicants with doctoral degrees from all relevant disciplines, including STEM fields (e.g., Computer Science, Applied Mathematics, etc.) and the social sciences (e.g., Sociology, Economics, Political Science, Anthropology, History, Africana Studies). The Watson Institute is especially interested in qualified candidates who can contribute through their research, teaching, and service to the diversity and excellence of the academic community. The Watson Institute is especially interested in qualified candidates who can contribute through their research, teaching, and service to the diversity and excellence of the academic community. The Watson Institute is committed to diversity and inclusion, and welcomes applications from members of historically underrepresented groups.

Candidates at all ranks are welcome. A successful senior candidate must have an outstanding record of scholarly achievement, a proven record of successful research funding, and a demonstrated commitment to undergraduate and graduate teaching and advising. A successful junior candidate must be engaged in a research program with the potential to influence their field, and a strong commitment to undergraduate and graduate teaching and advising.

Junior candidates must have completed their PhD by the time of appointment.

Review of applications will begin on Sept. 23, 2022, but applications will be accepted until the position is filled.

All candidates should submit: 1) a cover letter describing research completed and planned, 2) a curriculum vitae, 3) a short writing sample, and 4) a teaching statement. We ask that in both the cover letter and teaching statement, the candidate describe how their work fosters inclusive learning and diversity.

Senior candidates should include the names of five references whom the search committee can contact at an appropriate time. The list of references can be submitted via the “additional documents” field in Interfolio.

Junior candidates should have three letters of reference and their official graduate transcript uploaded to Interfolio at the time of the application. The confidential recommendation letters should be uploaded to Interfolio by the referee.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of, gender, race, protected veteran status, disability, or any other legally protected status.

Apply here: <http://apply.interfolio.com/110611>

Bucknell University

Laboratory & Instructional Specialist

The Laboratory & Instructional Specialist at Bucknell University will support learning and instruction in computer science courses and laboratories. They will teach instructional labs and support student projects, may instruct

introductory courses, and provide expertise across a broad swath of knowledge related to computer science. This position reports to the Chair of the Computer Science Department.

The anticipated start date is January 2023.

Minimum Qualifications:

- Master’s degree in computer science or related discipline.
- Proficiency in Python, Java, and Unix systems programming in C.
- Familiarity with relational databases.
- Experience supporting undergraduate computing courses or laboratories.

For detailed position description, qualifications and to apply, please visit <https://jobs.bucknell.edu/en-us/job/497090/laboratory-instructional-specialist-computer-science>

Carleton College

Assistant Professor of Computer Science

Carleton College invites applications for a tenure-track position in computer science, to begin September 1, 2023. We expect to make an appointment at the Assistant Professor level, but we are also happy to consider applications from qualified candidates at any rank. We welcome candidates with any specialization in computer science or closely related fields, and we are particularly interested in applicants who can help us strengthen our commitment to inclusion, diversity, and equity.

Applications are due September 28, 2022.

[View the full job posting here.](#)

Carnegie Mellon University School of Computer Science

Faculty Hiring All Tracks

The School of Computer Science at Carnegie Mellon pushes the boundaries of computer science research and education. The School houses seven departments: Computational Biology, Computer Science, Human-Computer Interaction, Software and Societal Systems, Language Technologies, Machine Learning and Robotics.

SCS is seeking to fill several faculty positions across all departments, in all tracks and at all levels, with joint appointments when appropriate. The four faculty tracks in our School include: tenure, research, systems and teaching tracks. We are seeking candidates with a strong interest in research and/or teaching, an earned Ph.D. (in computer science or relevant fields), and outstanding academic credentials. Such candidates must possess the ability to collaborate with other faculty. Candidates for tenure and teaching track appointments should also have a strong interest in graduate and undergraduate education and therefore must be prepared to teach in a wide variety of settings, for example, large undergraduate lecture courses and classes delivered in non-traditional formats. Research track faculty are not required to teach and generally focus most or all of their effort on cutting-edge research. Systems Track similarly teach only on an exceptional basis and focus all or most of their effort on making novel systems.

Candidates with a commitment toward building an equitable and diverse scholarly

community are particularly encouraged to apply. We continuously seek to improve the diversity of our student, staff and faculty populations, including and especially through annual faculty hiring processes.

Each department's hiring committee thoroughly reviews the qualifications of every applicant, and are particularly enthusiastic about applicants whose background and experiences would make them unique among our faculty. Applications from candidates who have a demonstrated track record in mentoring and nurturing women and students from groups traditionally underrepresented in computer science are strongly encouraged.

We will begin accepting applications beginning August 2, 2022. To ensure full consideration of your application, please submit all materials no later than December 8, 2022. In your cover letter, please indicate clearly the department(s) you are applying to.

You can learn more about our hiring plans and application instructions by visiting <https://scsdean.cs.cmu.edu/faculty-hiring>

IMPORTANT: At this site you will find guidance regarding specific timelines for review of applications in each of our departments.

Please send email to faculty-search@cs.cmu.edu with any questions.

Carnegie Mellon University shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with

disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

Carnegie Mellon University School of Computer Science

Faculty Hiring Teaching Track

The School of Computer Science (SCS) at Carnegie Mellon University is one of the world's leading organizations for computer science academic research and education. The college houses seven departments: Computational Biology, Computer Science, Human-Computer Interaction, Software and Societal Systems, Language Technologies, Machine Learning, and Robotics. Carnegie Mellon University is located in Pittsburgh, PA, USA, a vibrant yet affordable city known especially for its opportunities and resources in medicine, technology, the arts, and higher education.

SCS is seeking to fill several teaching track faculty positions, across all departments, with joint appointments when appropriate. The teaching track in SCS offers career-oriented positions focused on educational excellence.

Candidates for teaching track appointments should have strong interest and experience in graduate and undergraduate education, a Ph.D.

in Computer Science or a relevant field, and outstanding academic credentials. Some programs will consider applicants with an MS and significant experience. The position involves teaching classes in their general area of expertise, ranging from large undergraduate lecture courses to small studio courses depending on departmental needs. We encourage candidates looking to gain teaching experience to explore the Postdoctoral Teaching Fellow programs available in SCS <http://apply.interfolio.com/109743>.

In addition to being excellent educators, candidates are encouraged to contribute to the department through activities such as research, outreach, advising, or curriculum development.

Candidates with a commitment to building an equitable and diverse scholarly community are particularly encouraged to apply. We encourage applications from candidates who have a demonstrated track record in mentoring and nurturing students from groups traditionally underrepresented in computer science.

We will begin accepting applications beginning August 2, 2022. We will review applications based on two deadlines: October 2, 2022 and December 8, 2022.

To ensure full consideration of your application, please submit all materials no later than your chosen deadline. In your cover letter, please indicate clearly the department(s) to which you are applying. You can learn more about the hiring plans of each department and application instructions by visiting <http://apply.interfolio.com/109399>.

Please send an email to faculty-search@cs.cmu.edu with any questions.

Carnegie Mellon University shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

College of Charleston

Tenure-track Assistant Professor of Computer Science

The Computer Science Department at the College of Charleston (<http://cs.cofc.edu>) invites applications for a tenure-track Assistant Professor position starting January or August 2023.

Preference for this position will be given to candidates with expertise in distributed systems, computer architecture, and algorithms.

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.

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 12,000 in undergraduate and graduate programs combined.

Apply at: <https://jobs.cofc.edu/postings/12533>

College of the Holy Cross

Assistant Professor of Computer Science

The Department of Mathematics and Computer Science at the College of the Holy Cross invites applications for a full-time tenure-track appointment in computer science beginning August 2023. All research specialties will be considered. This position carries a 3-2 teaching load with a full-salary one-semester research leave prior to tenure review, and generous sabbatical and fellowship leaves for tenured faculty. Candidates must demonstrate commitment to, and

excellence in, undergraduate teaching as well as scholarly achievement. A Ph.D. in computer science or a closely related field is required.

The College of the Holy Cross uses Interfolio to collect job applications electronically. Please submit all application materials (cover letter, curriculum vitae, statements on research, teaching, and diversity, transcripts, and three confidential letters of recommendation) to <https://apply.interfolio.com/111756>.

The College, a highly selective Catholic liberal arts college in the Jesuit tradition, values dialogue among people from diverse perspectives as integral to the mission and essential to the excellence of our academic program and is an Equal Employment Opportunity Employer.

Application review will begin on October 21, 2022 and continue until the position has been filled. Initial interviews of selected applicants will take place shortly after this date. Questions may be directed to Professor Zack Fitzsimmons, zfitzsim@holycross.edu.

College of the Holy Cross

Visiting Full-Time and Part-Time Faculty Positions in Computer Science

The Department of Mathematics and Computer Science at the College of the Holy Cross invites applications for visiting full-time and part-time faculty positions in computer science for 2022-2023. Candidates in all areas of computer science are encouraged to apply. Visiting faculty may teach at introductory, intermediate, or advanced

levels. Full-time visitors teach 3 courses each semester and are eligible for travel support and reimbursement of relocation costs within the College's published policies. Full-time appointments offer competitive salaries and include full benefits. Part-time visitors teach up to 2 courses per semester and are ineligible for employee benefits. The College seeks faculty members whose scholarship, teaching, and service demonstrate commitment to the educational benefits of a richly diverse community. While a Ph.D. in computer science or closely related field is preferred, candidates with MS or equivalent degrees, who are ABD, or who have professional experience are strongly encouraged to apply.

Review of applications will begin immediately. Please direct questions to Kevin Walsh, kwalsh@holycross.edu

For more information and to apply, visit: <https://apply.interfolio.com/106397>

The College is an Equal Employment Opportunity Employer and complies with all Federal and Massachusetts laws concerning equal opportunity and affirmative action in the workplace.

Colorado School of Mines

Postdoc position in hardware acceleration of machine learning for robotics applications

Department of Computer Science invites applications for a 1-year postdoc position, potentially renewable for 2 years. The postdoctoral fellow will work with Prof. Iris Bahar on research that investigates

various algorithmic and hardware acceleration approaches that provide effective robot perception in unstructured, natural environments in real-time and at efficient energy cost. The postdoc should have knowledge of robotics-oriented algorithms (for scene perception or motion planning) as well as experience with FPGA/ASICs development.

To apply, please send your CV and research statement to ribahar@mines.edu.

Cornell University, Cornell Tech

Tenured and Tenure-track Faculty

The Cornell University Department of Computer Science (CS) in the Cornell Bowers CIS College of Computing and Information Science has tenure track and tenured faculty positions available at the Cornell Tech campus in New York City. Cornell CS is ranked among the top computer science departments in the country. Applications are welcome from all areas of computer science and related fields. We especially welcome applicants whose scholarship and service further the department's goals around diversity and inclusion.

Faculty hired in these positions at Cornell Tech will be members of the Department of Computer Science, which spans the Ithaca and New York City campuses, but their teaching and research will be based in New York City. This search also includes Cornell faculty positions that are part of the Jacobs Technion-Cornell Institute at

Cornell Tech. A separate application is needed to be considered for a Computer Science position at the Ithaca campus; please visit the website <http://www.cs.cornell.edu/information/jobpostings> for further information about the Ithaca application process.

Cornell Tech is a graduate campus of Cornell University located on Roosevelt Island in New York City. It includes the Jacobs Technion-Cornell Institute, a joint academic venture between Cornell and the Technion - Israel Institute of Technology. Cornell Tech's academic environment encourages tight integration across disciplines in technology, business, law, and design, couples fundamental research with practice, and supports societal and commercial ventures alongside research and education. In addition to world-class academic work, a distinguishing characteristic of our research is that it engages deeply with external communities, organizations, and industry to address real-world problems and contexts that amplify the direct societal and commercial impact of our research. Hubs in Health Tech, Urban Tech, and Public Interest Tech exemplify this approach, bringing together researchers, practitioners and communities to collaborate.

Tenured and tenure-track faculty must hold the equivalent of a Ph.D. Applicants must have demonstrated an ability to conduct outstanding research, and should have a strong commitment to engagement outside of academia in ways that foster significant commercial or societal impact, as aligned with the mission of the Cornell Tech campus. Successful candidates are

expected to pursue an active research program, to teach Masters and Ph.D.-level graduate courses, and to supervise graduate students.

To ensure full consideration, applications should be received by December 1, 2022, but will be accepted until all positions are filled.

Fostering an inclusive environment is a core value of the Computer Science Department, Cornell Tech, 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 helps attract and is inclusive of all students, including students from historically underrepresented groups and students who have overcome personal challenges. We strongly encourage women and underrepresented minorities to apply. 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, equity, and inclusion, including suggestions for what we are looking for in such statements, and see <https://www.tech.cornell.edu/impact/diversity-inclusion/> for some Cornell Tech activities in this area.

Applicants should submit a curriculum vitae, a diversity statement, and statements of research and teaching interests, identify one or two top publications to which they have made significant contributions, and arrange to have at least three reference

letters submitted. A distinguishing characteristic of research at Cornell Tech, in addition to world-class academic work, is that it engages deeply with external communities, organizations, K-12 education, and industry to address real-world problems and contexts that amplify the direct commercial and societal impact of our research. Accordingly, within a clearly identified subsection of the Research Statement, the candidate should address prior accomplishments and future plans related to the commercial and/or broader public engagement and societal impact dimensions of their research.

The above application information should be submitted online at: <https://academicjobsonline.org/ajo/jobs/22359>.

Inquiries about your application may be directed to frecurit@cs.cornell.edu.

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.

Cornell University

Tenured/Tenure-Track Faculty-Computer Science

The Cornell University Department of Computer Science (CS) in the Cornell Bowers CIS College of Computing and Information Science has multiple faculty positions available at its Ithaca campus (tenured and tenure-track). CS is ranked among the top computer science departments in the country (<http://www.cs.cornell.edu/>). Ithaca, NY is in the heart of the Finger Lakes region, which offers a vibrant cultural life and a wide range of sporting and outdoor activities with the pleasures of both city and country close at hand.

Applications from all areas of computer science and related fields are welcome.

Faculty hired in these positions will be members of the Department of Computer Science, which spans the Ithaca and New York City campuses, but their teaching and research will be based in Ithaca. A separate application is needed to be considered for a Computer Science position at the New York City campus; please visit the website <https://www.cs.cornell.edu/information/jobpostings/facultypositionsnyctech> for further information about the New York City application process.

Tenured and tenure-track faculty must hold the equivalent of a Ph.D. Applicants must have demonstrated an ability to conduct outstanding research. Successful candidates are expected to pursue an active research program, to teach

graduate and undergraduate courses, and to supervise graduate students.

To ensure full consideration, applications should be received by December 1, 2022, but applications will be accepted until all positions are filled.

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 helps attract and is inclusive of all students, including students from historically underrepresented groups and students who have overcome personal challenges. We strongly encourage women and underrepresented minorities to apply. 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, equity, and inclusion, 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.

Applicants should submit a curriculum vitae, a diversity statement, and brief statements of research and teaching interests, identify one or two top publications to which they have made significant contributions, and arrange to have at least three reference letters submitted at: <https://academicjobsonline.org/ajo/jobs/22330>

Inquiries about your application may be directed to freccruit@cs.cornell.edu

Cornell University seeks to meet the needs of dual career couples, has a Dual Career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual career searches.

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.

Georgia Tech

Open PostDoc Positions

The Cyber-Physical Security Lab at Georgia Tech has open Postdoctoral Researcher positions for immediate start in Fall 2022 or Spring 2023. Strong expertise in hands-on systems/software security, control theory or AI/machine learning is required. These positions are for the projects on controller/PLC security, secure manufacturing and 3D printers, medical device security, and trustworthy power grids.

Please apply here: <https://forms.gle/BQi1Mkt71Vqm5oEd7>

Hampden-Sydney College

Visiting Assistant Professor or 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/110194>) and a Lecturer of Computer Science position, (<http://apply.interfolio.com/110197>) both beginning August 2022.

Harvey Mudd College

Assistant Professor of Climate and Computer Science

Harvey Mudd College invites applications for a tenure-track faculty position at the rank of Assistant Professor, beginning fall 2023. Exceptional candidates at higher ranks will also be considered. The position is jointly held through the Hixon Center for Climate and the Environment (HCCE) and the Department of Computer Science. All areas in computer science that align with the HCCE goals will be considered, with preference given to candidates who can significantly contribute to our course offerings and build a shared vision for climate and environmental studies at a liberal arts college of science and engineering.

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



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>.



900 students, almost all of whom live 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. Harvey Mudd College is an equal opportunity employer and is committed to the recruitment of candidates that are historically underrepresented on college faculties.

The Hixon Center for the Climate and the Environment is a new and fully funded campus initiative designed to be an interdisciplinary home for all campus efforts related to climate, sustainability, and environmental studies, including curricular programming, collaborative research, and connections to off campus partners. The Hixon Center is developing a leading undergraduate climate program that is forward-looking, technically broad, and aligned with the mission (<https://www.hmc.edu/about-hmc/mission-vision>) of Harvey Mudd College.

The Computer Science Department currently serves three major programs—the computer science major, the joint major in computer science and mathematics, and the joint major in mathematical and computational biology—totaling more than 120 students in each graduating class. By Fall 2023, the department expects to serve two additional major programs—a new joint major in computer science and physics as well a new joint major in climate and computer science, which will be jointly staffed by the HCCE and Computer Science Department. Among the

department's strengths are its success in recruiting women (who compose about half of both our faculty and our majors) to computer science, an innovative and rigorous curriculum that prepares students for both employment and graduate school, and an active research program that involves a substantial number of undergraduates.

Learn more/Apply at: <https://academicjobsonline.org/ajo/jobs/22245>

Harvey Mudd College is an equal opportunity and affirmative action employer committed to providing a workplace free of discrimination, harassment, and disrespectful or other unprofessional conduct (<https://www.hmc.edu/human-resources/policies-procedures-and-guidelines/equal-opportunity-and-nondiscrimination-statement/>).

Indiana University Bloomington

Postdoctoral Fellow

The Observatory on Social Media at Indiana University Bloomington invites applications for a 1 year postdoc position, potentially renewable for 2 years. The Postdoctoral Fellow will work with Alessandro Flammini and Filippo Menczer on research related to online influence campaigns and misinformation diffusion, at the intersection of machine learning, networks, data, and computational social science. Applications should be submitted as soon as possible but will be considered until the position is filled.

To learn more about requirements, and the university's commitment to equal employment, please visit: <https://indiana.peopleadmin.com/postings/12895>.

Anticipated start date is August 1, 2022.

Indiana University

*Luddy School of Informatics,
Computing, and Engineering*

Lecturer Positions in Informatics Department

The Luddy School of Informatics, Computing, and Engineering at Indiana University-Bloomington invites applications for multiple non-tenure track lecturer positions in the Informatics Department. The start date for the positions is August 1, 2022 (negotiable). 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 programming (Python), database development, web design, application development, mobile development, human-centered computing and human-computer interaction, virtual and augmented reality, data science, or social and organizational informatics or project management related to those areas.

In addition to course responsibilities, 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 and are expected to 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. Salary will be commensurate with qualifications and experience.

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.

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.

Candidates should review the application requirements and apply online at:

<https://indiana.peopleadmin.com/postings/12985>

For full consideration, applications must be received before June 20, 2022. However, we

will continue accepting applications after this date and until the positions are filled. Interviews will begin as early as June 24, 2022.

Questions may be emailed to J Duncan at johfdunc@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.

Institute of Science and Technology Austria

Assistant Professor (tenure-track) and Professor positions in Computer Science and Data Science

The Institute of Science and Technology Austria invites applications for several open positions **in all areas of computer science and data science.**

We particularly welcome applications in statistics, bioinformatics, and robotics.

We offer:

- A highly international and interdisciplinary research environment with English as working language on campus
- State-of-the-art facilities and scientific support services (<https://ista.ac.at/scientific-service-units/>)
- Substantial start-up package and attractive salary

- Guaranteed annual base funding including funding for PhD students and postdocs
- An international Graduate School with high admissions criteria and a rigorous training program
- Leadership program
- Employee Assistance Program
- Dual Career support packages
- Child-care facilities on campus (for children aged 3 months till school age)

ISTA (<https://ista.ac.at>) is an international institute dedicated to basic research and graduate education in the natural, mathematical, and computational sciences. The Institute fosters an interactive, collegial, and supportive atmosphere, sharing space and resources between research groups whenever possible, and facilitating cross-disciplinary collaborations. Our PhD program involves a multi-disciplinary course schedule and rotations in research groups, and we hire scholars from diverse international backgrounds. The campus of ISTA is located close to Vienna, one of the most livable cities in the world.

Assistant professors receive independent group leader positions with an initial contract of six years, at the end of which they are reviewed by international peers. If the evaluation is positive, an assistant professor is promoted to a tenured professor.

Candidates for tenured positions are distinguished scientists in their respective research fields and typically have at least six years of experience in leading a research group.

ISTA values diversity and is committed to equal opportunities. We strive to increase

the number of women, particularly in fields where they are underrepresented, and therefore we strongly encourage female researchers to apply.

Please apply online at: <https://ist.ac.at/en/jobs/faculty/>

The closing date for applications is **October 27, 2022.**

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.

Loyola Marymount University

Tenure Track Assistant Professor Of Computer Science

The Computer Science Department of Loyola Marymount University invites applications for a tenure-track Assistant Professor position beginning Fall 2023.

Faculty responsibilities include teaching, advising, maintaining an active program

of scholarship, and engaging in university service. Candidates from all areas of computer science are encouraged to apply. The environment in the Department offers many opportunities for collaborative research, teaching, and service that actively inform and improve equity and social justice.

Loyola Marymount University is the "University of Silicon Beach" and enrolls about 6,200 undergraduate and 2,100 graduate students. As a Jesuit and Carnegie-classified R2 institution, LMU seeks outstanding applicants who value its mission and share its commitment to inclusive excellence, the education of the whole person, and the building of a just society. LMU is an equal opportunity employer committed to providing an environment free from discrimination and harassment as defined by federal, state, and local law. We invite women, persons of color, LGBTQ and gender-nonbinary individuals, people living with disabilities, and all persons in the full diversity of their being, life experience, and beliefs to apply. Please read more about our commitments and our efforts at <https://resources.lmu.edu/dei>.

A complete application consists of 1) a cover letter; 2) a curriculum vitae; 3) a statement describing your commitment and contributions toward greater diversity, equity, inclusion, and anti-racism in your career; 4) a statement on teaching experience and philosophy; 5) a description of the applicant's current and future scholarship program.

See <https://bit.ly/3Qi3sDJ> for information on the application process.

Please direct questions to Dr. Dionisio, Professor of Computer Science and Department Chair, at dondi@lmu.edu.

Michigan Tech

Assistant, Associate or Full Teaching Professor

Michigan Technological University Department of Computer Science invites applications for an instructional track faculty position beginning August 2022 or January 2023. Candidates are expected to demonstrate potential for excellence in teaching across the CS curriculum. Specific areas of need include introductory programming and software engineering. A typical load is three courses per semester, along with service responsibilities.

Michigan Tech attracts world-class faculty who enrich the educational experience of smart, motivated, and adventurous students. Applicants who are committed to promoting a sense of belonging and contributing to an equitable and inclusive learning environment for all are strongly encouraged to apply (<https://www.mtu.edu/diversity-inclusion/>).

The Department has 24 regular faculty members, 550 undergraduate students in two degree programs and 75 graduate students in four graduate programs. Michigan Tech is an internationally renowned doctoral research university with approximately 7000 students and 400 faculty located in Houghton, Michigan, in the scenic Upper Peninsula on the south shore of Lake Superior. The area provides a unique setting where natural beauty, culture, education, and a diversity of residents from around the world come together to share

Professional Opportunities

superb living and learning experiences. Michigan Tech is nationally ranked among the best universities for job placement, return on investment, and safety.

Review of applications will begin immediately and continue until the position is filled. Submit applications online at <http://www.employment.mtu.edu/cw/en-us/job/492975>.

To learn more, visit <https://www.mtu.edu/cs/> or contact the Department Chair, Dr. Linda Ott, at linda@mtu.edu.

Michigan Tech recognizes the importance of supporting faculty members' partners; candidates selected for on-campus interviews will be invited to bring a guest. Additional details on our Partner

Engagement Program can be found at <https://www.mtu.edu/provost/programs/partner-engagement/>.

Michigan Tech is proud to be an ADVANCE Institution that has thrice received National Science Foundation support to increase diversity, inclusion, and the participation and advancement of women and underrepresented individuals in STEM. (see <https://www.mtu.edu/advance/>). Michigan Tech is an EOE that provides equal opportunity for all, including protected veterans and individuals with disabilities.



Tenure-Track Faculty Positions in Computer Science (2)

Middlebury College invites applications for two full-time tenure-track faculty positions in computer science, beginning in Fall 2023. All areas of computer science will be considered, including applied areas with interdisciplinary focus. Teaching responsibilities will include courses throughout the undergraduate computer science curriculum with an emphasis on the candidate's areas of expertise; as well as regular contributions to the college-wide curriculum, including the first-year seminar program and winter term. Appointments will be made at the rank of Assistant Professor (Ph.D.) or Instructor (ABD). Candidates should provide evidence of commitment to excellent teaching and scholarly potential.

Middlebury College is a top-tier liberal arts college with a demonstrated commitment to excellence in faculty teaching and research. An Equal Opportunity Employer, the College is committed to hiring a diverse faculty as we work to foster innovation in our curriculum and to provide a rich and varied educational experience to our increasingly diverse student body. Women, people of color, veterans, people with disabilities, and members of the LGBTQ+ community are encouraged to apply.

Review of applications will begin on October 1, 2022 and will continue until the positions are filled. Middlebury College uses Interfolio to collect all faculty job applications electronically. Email and paper applications will not be accepted. At Middlebury, we strive to make our campus a respectful, engaged community that embraces difference, with all the complexity and individuality each person brings. Your application materials should include a separate, one-page statement on inclusion that addresses how your teaching, scholarship, mentorship, and/or community service demonstrate a commitment to and/or evidence of engaging with issues of diversity and inclusion. Through Interfolio submit: a letter of application addressed to Amy Briggs, Department Chair; curriculum vitae; teaching statement; research statement; statement on inclusion; graduate transcript; and three current letters of recommendation, at least two of which must speak to teaching ability. More information about the position and the application process is available at <http://www.middlebury.edu/academics/cs/job>.

To apply, please visit <https://aptrkr.com/3307145>

Offers of employment are contingent on completion of a background check. Information on our background check policy can be found at <http://go.middlebury.edu/backgroundchecks>.

Mount Holyoke College

Open Rank Professor of Computer Science

The Mount Holyoke College Computer Science Department invites applications for a tenure-track faculty position at any rank, to begin in the fall of 2023. We are searching broadly for candidates with a strong commitment to excellence in teaching, a vibrant research program that can engage undergraduates, and a passion for working with a diverse population of students. Mount Holyoke's teaching load is 4 courses per year. We welcome applications in all specialties, particularly systems, theory and data science. Completion of a Ph.D. in Computer Science or a related field is expected prior to or shortly after the date of hire.

Review of applications to begin October 17, 2022.

<https://careers.pageuppeople.com/1024/cw/en-us/job/493080/open-rank-professor-of-computer-science>



Instructor, Information Technology

Monmouth University is seeking applications for an Instructor in the Computer Science/Software Engineering department. This position is for the 2022-2023 academic year and is a one year initial appointment renewable up to a maximum of three years. Applications received by August 15, 2022 will receive fullest consideration. The application process will remain open until the position is filled. The candidate would be expected to: teach 12 credits per semester of undergraduate courses.

Requirements: Master's degree or higher in Information Systems, Business Technology, Educational Technology, Technology Leadership, Computer Science, or other related field; three years of college-level teaching experience; intermediate experience in coding HTML, CSS and/or other high-level programming language.; experience with the most current version of Microsoft Office suite.

Monmouth University's Department of Computer Science and Software Engineering offers, in addition to the new Master of Science in Data Science, undergraduate degrees in Computer Science and Software Engineering (two undergraduate programs are ABET-accredited), and Master of Science degrees in Computer Science, Software Engineering, Information Systems and Data Science.

To apply, please visit: <https://aptrkr.com/3313045>



Specialist Professor/Coordinator of the Information Technology Minor

Monmouth University is seeking applications for a Specialist Professor/Coordinator for the Information Technology Minor in the Department of Computer Science and Software Engineering. This non-tenure track position is for the 2022-2023 academic year, and is a two year initial appointment subject to subsequent multi-year reappointments without limit. Applications received by August 15, 2022 will receive fullest consideration. The application process will remain open until the position is filled.

The successful candidate must have an up to date understanding of the role of Information Technology in a variety of fields, will administer curricular, technical, marketing and personnel aspects of the program, and teach 6 credits (2 courses) of Information Technology per semester, and will have a passion for inspiring and fostering critical thinking and active learning in undergraduate student populations, and for guiding and engaging students across various disciplines in mastering technological literacy.

In addition to offering the Information Technology Minor, the Department of Computer Science and Software Engineering offers three bachelor degrees in Computer Science and Software Engineering (two programs are ABET-accredited), four Master of Science degrees (Computer Science, Software Engineering, Information Systems, and Data Science) and a Computer Science Minor.

To apply, please visit: <https://aptrkr.com/3321900>

NEC Laboratories America, Inc.

Researcher - Complex System Modeling and Optimization

NEC Laboratories America, Inc., www.nec-labs.com, conducts research in support of NEC's US and global business. Our lab has a broad research program that covers many areas and maintains a balance of fundamental and applied research.

The Complex System Modeling and Optimization team develops advanced techniques to optimize complex systems for environmental and sustainability goals such as carbon neutrality. Our research, which is both experimental and theoretical, covers domains including data science, simulation and modeling, optimization and control, and has led to many publications in top conferences. Our research goal is to understand the complexity of real-world systems and build innovative solutions to drive the creation of social values such as carbon neutrality. We have built several analytic engines and system solutions to analyze big data and support various applications in system modeling and optimization.

We are looking for a talented, self-motivated researcher to create cutting-edge technologies. The ideal candidate must be able to research and analyze complex problems and develop data-oriented modelling and simulation for large scale systems. S/he must have a Bachelor's degree or higher in Computer Science, Operations Research, Industrial Engineering, or other recognized engineering disciplines, with experience in at least one of the following areas:



Faculty Positions in Computer Science

The Department of Computer Science at the National University of Singapore (NUS) invites applications for tenure-track and educator-track positions in all areas of computer science. Candidates for Assistant Professor positions on the tenure track should be early in their academic careers and yet demonstrate outstanding research potential, and a strong commitment to teaching.

For Senior Lecturer and Associate Professor on the educator-track, teaching experience or relevant industry experience will be preferred. Besides relevant background and experience, we are also looking for someone with a passion for imparting the latest knowledge in computing to students in our programs

The Department enjoys ample research funding, moderate teaching loads, excellent facilities, and extensive international collaborations. We have a full range of faculty covering all major research areas in computer science and boasts a thriving PhD program that attracts the brightest students from the region and beyond. More information is available at www.comp.nus.edu.sg/careers.

NUS is an equal opportunity employer that offers highly competitive salaries, and is situated in Singapore, an English-speaking cosmopolitan city that is a melting pot of many cultures, both the east and the west. Singapore offers high-quality education and healthcare at all levels, as well as very low tax rates.

Application Details:

Submit the following documents (in a single PDF) online via: <https://faces.comp.nus.edu.sg>

- A cover letter that indicates the position applied for and the main research interests
- Curriculum Vitae
- A teaching statement
- A research statement
- A diversity statement (optional)
- Contact information of 3 referees

To ensure maximal consideration, please submit your application by 16 December 2022.

Job requirement:

A PhD degree in Computer Science or related areas

- Artificial Intelligence, machine learning, and deep neural networks
- Complex system simulation
- Computational modeling and partial differential equations
- Large scale optimization and learning
- Automated system testing, debugging, and problem root cause analysis
- Signal processing, system identification, and control

NEC Laboratories America is located in Princeton, NJ, home of Princeton University and one of New Jersey's most beautiful and idyllic towns. The area offers many exciting cultural, entertainment and outdoor activities. The office is minutes away from Princeton University and an hour from New York, Philadelphia, and the Atlantic Ocean.

For more information about NEC Labs, visit our website www.nec-labs.com, and submit

your CV and research statement through our career center at https://www.appone.com/MainInfoReq.asp?R_ID=4781416.

Equal Opportunity Employer

Northwestern University

Open Rank, Management & Organizations

The Management and Organizations Department of the Kellogg School of Management at Northwestern University invites applications for tenure-track faculty positions. We are primarily interested in applications at the rank of Assistant Professor, but we will also consider outstanding candidates at the rank of Associate or Full Professor. Applicants should demonstrate an interest in topics relevant to management or organizations and provide evidence of outstanding research potential and an ability to enhance the department's research and teaching portfolio. The department supports diverse approaches to research, grounded in psychology, sociology, organizational behavior and theory, strategic management and computational social science. A PhD or equivalent degree must be in hand or expected by employment start date.

To apply, please submit the following: a brief cover letter, a current CV, a research statement, one to three publications or working papers, and three letters of recommendation.

For full consideration, all application materials must be received by September 30, 2022.

Information about the department can be found on our [website](#). Further inquiries about the position can be directed to MORSrecruiting@kellogg.northwestern.edu.

Applications accepted here: [Apply for Job](#)

Northwestern requires all staff and faculty to be vaccinated against COVID-19, subject to limited exceptions. For more information, please visit our [COVID-19 and Campus Updates website](#).

The Northwestern campus sits on the traditional homelands of the people of the Council of Three Fires, the Ojibwe, Potawatomi, and Odawa as well as the Menominee, Miami and Ho-Chunk nations. We acknowledge and honor the original people of the land upon which Northwestern University stands, and the Native people who remain on this land today.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Click for information on [EEO is the Law](#).

Occidental College

Open-rank tenure track Professor of Computer Science

Occidental College seeks an open-rank faculty in computer science.

Applications are due October 2; details available at <https://www.oxy.edu/working-oxy/faculty-positions>

Pomona College

Tenure-track Position in Computer Science

Pomona College seeks applications for two Open-Rank (assistant, associate, or full) Professor of Computer Science positions, to begin on July 1, 2023. All subfields of computer science will be considered. Candidates should have a broad background in computer science, be excellent teachers, have an active research program, and be excited about directing undergraduate research. The teaching load is two courses a semester for the two semesters a year. Faculty are expected to teach across all levels of the curriculum. Candidates should have a Ph.D. in hand by the start date.

Pomona College is a highly selective liberal arts college with an enrollment of approximately 1750 students, all undergraduates. We seek to attract, develop, and retain the highest quality faculty and are committed to building a culturally diverse workplace. We value candidates who have experience working with students from diverse backgrounds and who are able to demonstrate a commitment to improving higher education for underrepresented students through their teaching, scholarship, or service.

Pomona College, located 35 miles east of downtown Los Angeles, is the founding member of the Claremont Colleges, which also include Claremont McKenna, Scripps, Pitzer, Harvey Mudd, and Claremont Graduate University. Collectively, the Claremont Colleges constitute an academic community of 9,000 students.

As a result, Pomona students enjoy both the personalized instruction and close faculty-student interactions afforded by a small liberal arts college as well as the intellectual and extracurricular resources typically found at much larger universities. Pomona's Computer Science department has 8 full-time tenured or tenure-track faculty and there are over 25 CS faculty across the Claremont colleges. In collaboration with the Claremont College Consortium, Pomona College offers a variety of professional development, mentorship, and networking opportunities for junior faculty including the opportunity for entering faculty members to apply for a fully funded leave in their fourth year at the College.

A complete application includes a cover letter; a detailed curriculum vitae; graduate transcripts; three brief statements - one addressing teaching philosophy, one addressing scholarship and one addressing ability to mentor a diverse student body; and three or more letters of reference, at least one of which evaluates the candidate's teaching. Please upload electronic copies of all materials to: <https://academicjobsonline.org/ajo/jobs/22190>.

Review of applications will begin on October 15, 2022 and will continue until the position is filled.

For further information, we can be reached via email at cssearch@pomona.edu.

Princeton University

*Assistant, Associate or Full Professor -
Ludwig Princeton Branch*

Princeton University seeks applications for an assistant, associate or full professor to contribute to a major new initiative at the interface between the physical and computational sciences and disease biology, with a particular focus on cancer and metabolism (Ludwig Princeton Branch). Candidate selected will be appointed to a tenured or tenure-track position in an academic department at Princeton appropriate for the candidate's area of specialization, and will also hold a corresponding membership in the Ludwig Institute for Cancer Research.

Responsibilities include teaching, service (both in accordance with the standards for the academic department in which the candidate is appointed) and research, including operation of a vibrant research group to benefit from both Princeton University and Ludwig Princeton Branch funding (with expectations to compete also for external funds). Candidates are expected to devote a meaningful portion of their research effort to work that bridges between a hard science, computer science, or engineering discipline and an area of biology of relevance to the Ludwig Princeton Branch, such as cancer, metabolism, immunology, or the microbiome. Applicants are expected to hold a PhD or MD, optionally with relevant additional research experience (industrial, postdoctoral, or as a faculty member), and a strong track record of research accomplishments. We value building a

culturally diverse intellectual community; women and members of underrepresented groups are strongly encouraged to apply.

Applicants should submit a description of research interests (typically 2 - 3 pages), curriculum vitae, a list of publications, and contact information for three referees online at <https://www.princeton.edu/acad-positions/position/26805>.

For fullest consideration, please apply by September 1, 2022. Late applications may be reviewed up to December 1, 2022.

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. This position is subject to the University's background check policy.

Reed College

*Tenure-Track Positions in
Computer Science*

The Department of Computer Science at Reed College invites applications for two open-rank tenure-track faculty positions beginning in the fall of 2023. Applicants should have a Ph.D. in computer science or a closely related field by the time of the appointment and should be committed to excellence in undergraduate teaching and in research. The successful applicant will teach in the core computer science curriculum at all levels, will develop one or more courses in the applicant's area(s)

of expertise, and will work to foster a welcoming and engaged community. They will maintain an active research program, ideally providing opportunities for student involvement, and they will advise several year-long senior thesis projects. Applicants from all areas of computer science are encouraged to apply.

Reed is a distinguished liberal arts college that offers a demanding academic program to approximately 1500 bright and dedicated undergraduate students. Reed believes that this requires a faculty that is actively engaged in cutting-edge research and provides the resources necessary to enable that research, including a generous sabbatical policy as well as startup and other funding. The college believes that cultural diversity is essential to the excellence of our academic program (see <https://www.reed.edu/diversity/>).

Applicants to the position are encouraged to contact Adam Groce (agroce@reed.edu), the chair of the search committee, for further details about the position and the college's computer science program. Information about the position is also posted at <https://www.reed.edu/computer-science/faculty-search.html>.

Application Instructions

Applicants should submit their applications electronically through the Interfolio service at <http://apply.interfolio.com/111705> and should include a cover letter, curriculum vitae, teaching statement, research statement, and three letters of recommendation. The cover letter should address how the applicant's teaching and scholarship would contribute to

Reed's small, selective undergraduate environment. Candidates can choose to include a separate diversity statement that addresses their approach to supporting diversity, inclusion, and equity or they can discuss those questions in their cover letter, teaching statement, or other materials.

Applications submitted by October 14 are guaranteed full consideration, although review of applications will continue until the position is filled.

An Equal Opportunity Employer, Reed values diversity and encourages applications from underrepresented groups.

Rutgers University

DIMACS Center

DIMACS, the Center for Discrete Mathematics and Theoretical Computer Science, invites applications for postdoctoral associate positions for 2023-25. Applicants should be recent PhDs with interest in DIMACS areas, including theoretical computer science, discrete mathematics, statistics, operations research, data science, AI, machine learning, and their applications.

Application review begins December 1, 2022.

See <https://jobs.rutgers.edu/postings/166066>.

DIMACS is an EO/AA employer.

Saarland University

Tenure Track Professor (W2) in Machine Learning

Tenure track professors (W2) have faculty status at Saarland University. Decisions

on tenure as full professor (W3) are made no later than six years after taking up the tenure track position.

Saarland University has leading departments in computer science and computational linguistics, with more than 350 PhD students working on cutting-edge research topics and more than 60% of our Master's students coming from abroad (see <https://saarland-informatics-campus.de/> for additional information). We collaborate closely with a number of internationally renowned state-of-the-art research institutes in informatics forming the Saarland Informatics Campus (SIC). With its 800 researchers and more than 2000 students from 81 countries, the SIC belongs to one of the leading locations for computer science in Germany and in Europe.

To further strengthen the excellence in research and teaching, the Department for Computer Science is looking for a highly motivated young researcher in the field of Machine Learning (ML) to strengthen its ML focus as part of the active and growing ML landscape in Saarbruecken.

Applicants must have a university degree in a corresponding or related field and an excellent PhD or doctoral degree. They will typically have completed a period of postdoctoral research and have teaching experience at university level. They must have demonstrated outstanding research capabilities and have the potential to successfully lead their own research group. The teaching language is English or German (basic courses).

For further information and all requirements look at <https://bit.ly/3bAmMxh>

Applications must be submitted online at <https://www.uni-saarland.de/berufungen> no later than **September 28, 2022**.

Please contact apply@saarland-informatics-campus.de if you have any questions.

Santa Clara University

Tenure-Track Assistant Professors in ISA

Overview

The Information Systems and Analytics (ISA) Department of the Leavey School of Business at Santa Clara University invites applications for tenure-track positions beginning Fall 2023. These two positions are for the rank of assistant professor in the areas of Information Systems, Analytics, and Operations. Review of applications will begin immediately and will continue until positions are filled.

Basic Qualifications

We see this specialization as falling at the intersection of business analytics, information systems, and operations management, so applicants should possess a foundation in these disciplines and deep expertise in one or more. Applicants must have a Ph.D. in Operations Research, Information Systems, Operations Management, Computer Science, Business Analytics, Statistics, Decision Sciences, or a related field.

Preference will be given to candidates who have demonstrated excellence in research and teaching, embrace the Silicon Valley spirit, and have the expertise or willingness to teach/develop various courses. In addition, we

encourage applications from candidates who will contribute to the diversity of our college community, including members of historically underrepresented groups.

Responsibilities

Maintaining a program of research leading to publications in high-quality journals.

Teaching graduate and/or undergraduate courses and fulfilling the responsibilities associated with those courses.

Providing suitable service to the department, university, profession, and/or community.

Salary

Salaries are competitive and commensurate with qualifications and experience.

How to Apply

Submit application via https://wdl.myworkdaysite.com/recruiting/scu/scu/job/Santa-Clara-CA/Tenure-Track-Assistant-Professors-in-ISA_R2817

Smith College

Open Rank Professor of Computer Science and Associate/Full Professor 2-positions

The Computer Science department at Smith College invites applications for two positions (one open rank, one Associate/Full Professor) to begin on July 1, 2023. Dedicated teacher-scholars from all areas of computer science are encouraged to apply. Qualifications for the position include a Ph.D. in Computer Science or related fields (e.g. Electrical and Computer Engineering), a strong commitment to teaching with ability to engage diverse groups of students, and a high potential for research.

For the Associate/Full Professor position, we welcome candidates who show qualities and experience that will enable them, after a short period of adaptation, to take on leadership roles in the governance of the department.

Details about the Department of Computer Science can be found at <https://www.smith.edu/academics/computer-science>.

For more information and to apply visit <http://apply.interfolio.com/110749>.

Applications that are completed by October 14, 2022 are guaranteed full consideration.

EO/AA/Vet/Disability Employer

Southern Nazarene University

Computer Science Professor

Southern Nazarene University invites applications for a Professor of Computer Science at the assistant, associate, or full level, beginning January 2023 or August 2023.

Job description link: <https://www.snu.edu/careers/assistant-associate-professor-of-computer-science/>

St. Olaf College

Assistant Professor of Computer Science 2023-24

The Department of Mathematics, Statistics, and Computer Science (MSCS) at St. Olaf College invites applications for a full-time, tenure track position in computer science at the Assistant

Professor level to begin August 2023. We are looking for candidates who have a Ph.D. in Computer Science, or a closely related field, who can contribute broadly to our growing computer science program through teaching, research and supervision of undergraduate research. While we will consider all areas of specialization, candidates with interest in systems areas (such as operating systems, databases, high-performance computing, and networks) are particularly encouraged to apply. We seek a tenure-track colleague who will contribute to inclusive excellence, engage undergraduates in innovative research, and teach a variety of courses across our Computer Science curriculum.

Position description and further details online at <https://careers.stolaf.edu/jobs/search>

University at Buffalo

Assistant Professor of Teaching

The Department of Computer Science and Engineering (CSE) at University at Buffalo (UB) invites candidates to apply for the positions of Assistant Professor of Teaching (Lecturer). We are looking for candidates who have a passion for teaching and 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.

Lecturers have both teaching (80%) and service (20%) obligations. While there is no research requirement, lecturers are welcome to pursue research and funding

opportunities. Within the SUNY system lecturers have indefinitely renewable term appointments of up to 3 years at a time. Lecturers are voting members of the faculty and are eligible for full benefits.

Duties include teaching and development of computer science and computer engineering courses at both the undergraduate and graduate level; service which may include student advisement; industry internships; laboratory and instrumentation upgrades; student excellence initiatives; program assessment and accreditation; diversity enhancement; and external educational grant support in collaboration with the CSE Undergraduate and Graduate Studies Committees.

Successful candidates will help support the establishment of a new course-based MS program. We are hiring for four positions. While all successful candidates are expected to have the ability to teach broadly across a computer science curriculum, we seek candidates with specialized expertise as follows:

Posting #1 The candidate will have a particular expertise in Artificial Intelligence (esp. Computer Vision and Deep Learning). Apply here:

<https://www.ubjobs.buffalo.edu/postings/36692>

Posting #2 The candidate will have a particular expertise in Computer Systems (esp. Databases, OS, Networking, and Architecture). Apply here:

<https://www.ubjobs.buffalo.edu/postings/36148>

Posting #3 The candidate will have a particular expertise in Algorithms and Computer Security. Apply here:

<https://www.ubjobs.buffalo.edu/postings/36683>

Posting #4 The candidate will have a particular expertise in optimal-control and working with large stochastic systems, reinforcement learning, machine learning and deep learning, as well optimal control in multi-agent systems. Apply here:

<https://www.ubjobs.buffalo.edu/postings/36175>

The Department of Computer Science and Engineering (CSE) offers BS degrees in computer science (accredited by the Computing Accreditation Commission of ABET, <https://www.abet.org/>), and in computer engineering (accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org/>), a combined 5-year BS-MS program, a minor in computer science, a Certificate in Data-Intensive Computing, and several joint programs (BS in Computer Science/MBA, BS in Computational Physics, BA in Social Sciences Interdisciplinary - Cognitive Science Concentration, BS in Bioinformatics and Computational Biology - CSE concentration) as well as MS and PhD programs in Computer Science & Engineering.

The department currently has over 50 faculty, including 15 teaching faculty, approximately 1,200 undergraduate majors, 550 masters' students and 160 PhD students. Over twenty junior faculty members have been hired since 2010, and we are continuing to expand. Two members

of our faculty currently hold key university leadership positions, and eight members of our faculty are IEEE and/or ACM Fellows. The department is well known for offering excellent collaborative and nurturing environment for faculty. A cohort of five junior faculty received the CAREER awards in 2019, setting a national record.

Our faculty members are actively involved in cutting-edge research and successful interdisciplinary programs and centers devoted to biometrics; bioinformatics; biomedical computing; computational and data science and engineering; computer vision and multimedia systems; database systems; document analysis and recognition; programming languages; high performance computing; cybersecurity; embedded, networked and distributed systems; machine learning and artificial intelligence; connected and autonomous vehicles and sustainable transportation; and theory of computation. Our faculty has an excellent publication record.

Since 2015, the department has moved up its rank to be among the top 40 on csrankings.org and is among the top 25 in two recent years (2017 and 2019). During the same period, our research expenditure has grown from \$4.5 million (for AY 2015-2016) to \$6.3 million (AY 2019-2020).

The University at Buffalo (US), a member of the prestigious Association of American Universities (AAU), is the largest and most comprehensive university in The State University of New York (SUNY) system, with about 22,000 undergraduates and 10,000 graduate and professional students and 1600 full-time

faculty. The School of Engineering and Applied Sciences has 7,300 students enrolled across 9 academic departments.

Buffalo is a city with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, the Lake Erie waterfront, a city-wide system of parks designed by renowned landscape architect Frederick Law Olmsted, and major and minor league sports teams. The awe-inspiring Niagara Falls is just 20 minutes away. The department is located on the UB North Campus in suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living.

The University at Buffalo is an affirmative action/equal opportunity employer (AA/EOE).

University of Alberta

Contract Lecturer

This position is a part of the Association of the Academic Staff of the University of Alberta (AASUA). Salary will be commensurate with experience in accordance with the [Academic Teaching Staff \(ATS\) agreement](#).

Position Summary

The Department of Computing Science invites applications for a full-time, term Contract Lecturer. Currently, the list of courses contract lecturers may be required to teach (all or part of) includes:

CMPUT 101 - Introduction to Computing
CMPUT 174 - Introduction to the

Foundations of Computation I
CMPUT 175 - Introduction to the Foundations of Computation II
CMPUT 191 - Introduction to Data Science
CMPUT 201 - Practical Programming Methodology
CMPUT 204 - Algorithms I
CMPUT 229 - Computer Organization and Architecture I
CMPUT 272 - Formal Systems and Logic in Computing Science
CMPUT 291 - Introduction to File and Database Management

Information on the courses above can be found in the course listings of the 2022-2023 calendar: <https://calendar.ualberta.ca/>

Other courses may be considered as conditions change, and depending on the qualifications of the candidate.

These appointments require either an M.Sc. or a Ph.D. degree in a relevant discipline and preference will be given to candidates with successful teaching experience.

If you are a Canadian/Permanent Resident/have an open work permit, and are interested in being considered for this position, please provide a C.V. and a cover letter outlining your teaching experience and mentioning the course(s) and/or subject areas for which you would like to be considered. Please include the names of two references who are willing to give information on your teaching experience and abilities.

Application and questions about the above should be sent to csacu@ualberta.ca using "Lecturer Position" as the subject.

University of Arizona

Head, Computer Science Department

The University of Arizona (UArizona) College of Science seeks a visionary and strategic leader who is deeply committed to a collaborative and interdisciplinary approach to research and education to serve as the next head of the *Department of Computer Science*. Applications should include, as separate documents, a CV or resume and a letter of interest addressing the themes in the leadership profile, which can be found at www.wittkiewer.com.

Application materials should be submitted using WittKiewer's *candidate portal*.

Nominations and inquiries can be directed to the WittKiewer consultants supporting this search, Jessica Herrington and Randi Miller, at UAHeadCompSci@wittkiewer.com.

The University of Arizona is an equal opportunity, affirmative action institution. The University prohibits discrimination based on race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. Title IX of the Educational Amendments of 1972 protects individuals from discrimination based on sex in any educational program or activity operated by recipients of federal financial assistance. As required by Title IX, the University of Arizona does not discriminate based on sex in its educational programs or activities, including in admission and employment.

Inquiries concerning the application of Title IX may be referred to the

University's Title IX Coordinator or to the U.S. Department of Education, Assistant Secretary, or both.

University of Chicago

Research Scientist, Data-intensive Computing

The Department of Computer Science at the University of Chicago invites applications for a full-time Research Scientist position.

Working in collaboration with Ben Zhao and Nick Feamster in the Department of Computer Science, the Research Scientist will conduct original research and provide guidance for a research group working in Computer Science, with a particular focus on large-scale data-intensive computing.

The goal of this project is to operationalize technologies for continuously measuring censorship from a global set of vantage points. We propose to measure censorship continuously and at scale from millions of vantage points around the world to develop a "weather map" and portal for the state of Internet filtering, interference, and control, focusing in particular on protocol manipulation across multiple levels of the protocol stack (network, transport, application, and name resolution). We will develop new censorship measurement techniques designed for large-scale, continuous, global measurements and curate them in a centralized and easily accessible repository.

The Research Scientist will participate directly in this project through

calculations, fabrication, measurements, and analysis, as well as support the PI with mentorship of researchers who will collaborate on the project.

The Research Scientist will also have opportunities to collaborate more broadly in other projects. This work could involve instrument development, instrument testing, calibration, and data analysis. The Research Scientist is expected to give public presentations at conferences and help prepare grants and reports on their research.

Expected project length is 2 to 4 years, with an initial appointment of 2 years. Expected start date is autumn 2022.

Qualifications

A PhD in computer science, electrical engineering, or mechanical engineering;

Must have at least two years of postdoctoral experience

Must have experience in securing machine learning systems against attacks as well as applying machine learning to security problems, particularly in networking.

Preferred:

Be proficient in aspects of machine learning ranging from theoretical analysis of learning, new algorithm design and deployment of machine learning models, with an ability to work across different data modalities.

Have a strong publication record in computer science and be open to interdisciplinary research at the boundary of computer science and other disciplines.

Experience in large-scale data analysis, machine learning, both supervised and unsupervised (preferably in Python), networking data such as packet capture and NetFlow.

Considerable research experience in securing machine learning systems against attacks as well as applying machine learning to security problems, particularly in networking.

Proficient in aspects of machine learning ranging from theoretical analysis of learning, new algorithm design and deployment of machine learning models, with an ability to work across different data modalities. The Research Scientist is expected to initiate and guide research projects with students, post-docs and other researchers.

Application Instructions

Applicants must apply online through the University of Chicago academic careers website using this link: apply.interfolio.com/111042.

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

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 Hawaii

Tenure-Track Assistant Professor Positions in Computer Science (3)

The Department of Information and Computer Sciences (ICS) at the University of Hawaii at Mnoa invites applications for three tenure-track Assistant Professor positions starting in the 2023- 2024 academic year.

We are seeking candidates in the areas of:

1. Software Engineering (job #83923) with emphasis on application of engineering principles to data science and cyber-infrastructure.

2. Artificial Intelligence/Machine Learning (job #85094) with emphasis on development of new models and applications.

3. Visualization (job #84503) with emphasis on novel techniques for visual analytics, communication of insight to non-expert audiences, human-data interfaces (such as tangible interfaces, data physicalization), and visualization cyber-infrastructure (such as wide-band displays, virtual reality).

The University of Hawaii at Mnoa, a Carnegie RI research university and the flagship campus of the UH system, is a top-50 public university dedicated to providing world-class teaching, research, and service in a multicultural and inclusive environment. ICS is a fast-growing department with special expertise in data science, visualization, and VR/AR and immersive environments.

To Apply:

Applications must be made online. For detailed application instructions and to apply, search for the appropriate job number at: <https://www.governmentjobs.com/careers/hawaii.edu>

or directly visit one of the following links:

1. Software Engineering:
<https://www.schooljobs.com/careers/hawaii.edu/jobs/3666106>

2. AI/ML:
<https://www.schooljobs.com/careers/hawaii.edu/jobs/3665866>

3. Visualization:
<https://www.schooljobs.com/careers/hawaii.edu/jobs/3666108>

Application review begins **November 1, 2022** and continues until the positions are filled.

Inquiries:

Dr. Gwen Jacobs (gwenj@hawaii.edu) or Professor Jason Leigh (leighj@hawaii.edu).

University of Maryland, College Park

Assistant Professor

The Department of Government and Politics (GVPT) in the College of Behavioral and Social Sciences (BSOS) and the College of Information Studies (iSchool) at the University of Maryland, College Park, invite applications for two tenure-track positions at the assistant professor level.



Associate Director

The KU Institute for Information Sciences is seeking applications for an Associate Director with experience in sponsored program budgeting and administration in a higher education setting.

Apply at: <https://apptrkr.com/3269180>

Application review begins August 1, 2022

KU is an EEO/AE

These positions are open to applicants from any fields within political and information sciences that apply data science concepts and methods in their work. GVPT and the iSchool particularly seek candidates whose scholarship and teaching interests address important social science problems in the fields of American Politics, Comparative Politics, International Politics, and Political Methodology that intersect with Information Science.

We encourage candidates to demonstrate how their research contributes toward social justice and equity, diversity and inclusion, or ethical access to information. Both faculty members will have joint appointments at GVPT and iSchool - one with a tenure home at GVPT and the other at the iSchool. Tenure home will be negotiated at the time of hire.

The successful candidates will be expected to contribute to the newly formed undergraduate Major in Social Data Science, which is a BSOS-iSchool joint program. We seek a candidate who will build upon our record of educating political and information scientists committed to leadership, service, research, and innovative practice and impact.

The successful candidates will be expected to have a high-impact research agenda and to seek external funding for research. They will also teach at the undergraduate and graduate levels, provide research advising to students at all levels, and engage in service to the profession and shared governance within the university.

In particular candidates whose scholarship speaks to the following broad substantive topics are encouraged to apply:

- Social media politics
- Information disorder (misinformation, disinformation, etc.)
- Online political and civic participation
- Political power in information systems

While these areas of expertise are of particular interest, candidates with expertise and interest in other relevant topics that apply data science methods are encouraged to apply. Candidates whose work recognizes the information norms and assets of marginalized communities particularly relating to the topics above and other relevant topics, are especially encouraged to apply.

This is a tenure-track appointment. Tenure-track Assistant Professors are hired for 3 years, with potential renewal for three more years and tenure review. Salary and benefits are competitive based upon qualifications and experience. Tenure-track and tenured faculty have 9-month appointments, with opportunities for grant-funded research and university-funded teaching in summers. For this position, the successful candidate will be involved in:

- Developing and conducting research projects and disseminating research results
- Designing and developing curricula related to information science
- Crafting exceptional educational experiences for students
- Participating in shared governance

- Contributing to relevant professional communities.

Minimum Qualifications

- A Ph.D degree at the time of appointment
- Demonstrated research excellence, including a record of peer-reviewed research in one or more areas described in the position summary above, or related areas and potential to attract external support
- Interest in developing effective and innovative courses.

For best consideration, applications should be submitted by **September 23, 2022**.

To apply please use the UMD ejobs link: <https://ejobs.umd.edu/postings/98270>

University of Maryland

Open Rank (Assistant Professor/Associate Professor/Professor)

College of Information Studies

Campus/College Information:

With a commitment to advancing social justice, the iSchool envisions a world where information and technology break down barriers and create new possibilities for individuals, communities, and organizations to achieve their full potential. Our faculty and students are a multidisciplinary community of over 70 full time faculty and 90 doctoral students. Many members of our faculty hold joint or affiliate appointments with other campus units, including Anthropology, Business, Criminology, Education, Engineering, English, Geographical

Sciences, Journalism, Survey Methodology, Public Health, the Maryland Institute for Technology in the Humanities (MITH), and the Institute for Advanced Computer Studies (UMIACS). Our College enrolls over 1,700 diverse students in nine degree programs: Ph.D. in Information Studies, Master of Library and Information Science (MLIS), Master of Information Management (MIM), Master of Science in Human Computer Interaction (HCIM), Master of Professional Studies in Game, Entertainment, and Media Analytics (GEM), Master of Professional Studies in Data Journalism, Bachelor of Science in Social Data Science, Bachelor of Arts in Technology and Information Design (InfoDesign), and Bachelor of Science in Information Science (InfoSci), which is the university's fourth largest major. These programs are offered in the classroom at College Park and Shady Grove campuses, online, and in blended formats.

The iSchool is also home to several research centers and labs, including the Human-Computer Interaction Lab (HCIL) and the Trace Research and Development Center. Trace has been a leader in the field of Information and Communication Technology since 1971, responsible for innovations including accessibility features in operating systems, accessible kiosks, and the creation of and contributions to many well-known accessibility standards.

Position Summary

The College of Information Studies at the University of Maryland, College Park (the iSchool), invites applications for an

open rank tenured or tenure track faculty position in the area of digital accessibility for people with disabilities. In particular, the iSchool seeks candidates from Information Science, Human-Computer Interaction, Human Centered Engineering, and related fields whose research focuses on populations with perceptual, motor, cognitive, language, or learning disabilities.

We seek a candidate whose work complements and extends the College's societal impact and methodological traditions that recognize the information norms and assets of members of marginalized or historically oppressed communities. The successful candidate will engage in an active program of high-impact research, teach at the undergraduate and graduate level, provide research advising to students at all levels, and engage in service to the profession and shared governance within the university.

This is an open-rank, tenure-track or tenured appointment. Tenure-track Assistant Professors are appointed for three years, with potential renewal for three more years and tenure review. Rank and appointment type are based on a candidate's record. Salary and benefits are competitive and based upon qualifications. Tenure-track and tenured faculty typically have 9-month appointments, with opportunities for grant-funded research and university-funded teaching in the summer. For this position, the successful candidate will be involved in:

- Developing and conducting high-impact research agenda and disseminating research results

- Designing and developing innovative information studies curricula
- Crafting exceptional educational experiences for students
- Contributing to relevant professional communities
- Participating in shared governance

Minimum Qualifications

- A Ph.D. degree at the time of appointment
- Demonstrated research excellence, including a rank-appropriate record of peer-reviewed research in related areas.
- Demonstrated effectiveness and innovation in teaching, as appropriate to rank

Best Consideration Date: 11/1/2022

To apply please use the UMD ejobs link: <https://ejobs.umd.edu/postings/98686>

University of Memphis

Senior Research Software Developer

The Senior Research Software Developer serves as the senior software developer on innovative research projects in an institute focusing on the areas of language, learning, and artificial intelligence. The senior software developer will supervise and train junior software developers.

Please complete an on-line application at <https://workforum.memphis.edu/postings/32049>.

For any questions regarding this position, please contact the director of the Institute for Intelligent Systems, Dr. Alistair Windsor, awindsor@memphis.edu.



Professional Opportunities

UNLV

Assistant Professor of Cybersecurity in the Department of Management, Entrepreneurship, and Technology (MET), Lee Business School [R0132130]

ROLE of the POSITION
The Department of Management, Entrepreneurship, and Technology (MET) in the LEE Business School (LEE) at the University of Nevada, Las Vegas (UNLV) invites applications for a tenure-track Assistant Professor of Cybersecurity. This new faculty member will conduct research leading to high-quality refereed publications, teach in the cybersecurity and technology programs offered by the department, and perform service activities for the department, school, university, and the profession. Expectations are that the successful candidate will publish on subjects and topics related to cybersecurity in premier cybersecurity, information systems (IS), and/or business journals and/or premier journals in related disciplines (e.g., computer science, etc.). We also expect that the new faculty member will pursue and receive grants awarded by major federal (NSF, NIH, AHRQ, etc.), state, and other agencies and foundations, particularly on issues and topics related to cybersecurity. The successful candidate will enhance the department's teaching capabilities in cybersecurity and will be expected to teach as needed in the various graduate and undergraduate programs offered by the department, especially the interdisciplinary MS in Cybersecurity program. A full list of the various programs offered by the department is available at <https://www.unlv.edu/met/programs>.

MINIMUM QUALIFICATIONS
This position requires a Ph.D. in Information Systems, Computer Science, or a related field, from a regionally accredited college or university. The business school must be AACSB accredited if the applicant's PhD degree is from a business school. ABDs may be considered but credentials must be obtained prior to the start of employment.

The successful candidate will have a strong research program in Cybersecurity, as evidenced by publications (or advanced stages of revision) in premier journals and/or a successful history of receiving/submitting grants from noted federal or state agencies (such as NSF, NIH, AHRQ etc.) and a substantial research pipeline.

PREFERRED QUALIFICATIONS
Strong preference will be given to applicants who demonstrate advanced cybersecurity skills including: incident response, forensics, audit, risk management, security policy, privacy, applied cryptography, infrastructural security, authentication, secure software development process and analytics. Additional consideration will be given to candidates who have experience or have fulfilled the following additional preferences:

- Professional experience in cybersecurity
- Professional cybersecurity certifications
- Experience with cybersecurity tools and products

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

and disseminating grant-funded research, and especially in leading others in becoming similarly successful. The Associate Dean will support faculty development, and will play a key role in promotion and tenure reviews and advising junior faculty. Areas of research and teaching focus are open, but should complement the existing strengths of the iSchool.

Please apply at <http://apply.interfolio.com/111416>

University of Texas at Austin

Four Tenure-Track Assistant Professors

The School of Information at UT Austin invites applications for four tenure-track Assistant Professors. The candidates will conduct research and teach at both the graduate and undergraduate levels. The candidates should have expertise in at least one of the iSchool's concentrations in our undergraduate informatics program, including Cultural Heritage Informatics; Health Informatics; Human-Centered Data Science; Social Informatics; Social Justice Informatics; UX Design. Successful candidates will address the human and/or societal implications of information and technology. Candidates focused on human-centered design and use of information technology for human benefit, social good, and/or social justice in local and global contexts will fit well within the culture of our school.

Please apply at <http://apply.interfolio.com/111313>

University of Richmond

Computer Science: Assistant, Associate, or Full Professor in Computer Science'

The University of Richmond invites applications for Assistant, Associate or Full Professor in Computer Science to begin August 2023.

For additional information, and to apply, please visit: <https://richmond.csod.com/ats/careersite/JobDetails.aspx?site=1&id=2621>

University of Texas at Austin

Professor and Associate Dean for Research & Faculty Affairs

The School of Information at UT Austin invites applications for a full-time tenured faculty member at the full professor rank to serve as Associate Dean for Research and Faculty Affairs. We are seeking an established exceptional scholar with an active research program and a proven track record in writing, securing, administering,



UNIVERSITY OF SAN FRANCISCO

Assistant Professor, Term, Computer Science

The Department of Computer Science at the University of San Francisco is accepting applications for a multi-year renewable term position at the Assistant Professor level starting in August 2023, contingent upon funding approval. We are particularly interested in candidates with an interest in supporting a diverse student population.

To Apply, visit: <https://apptrkr.com/3310742>



UNIVERSITY OF SAN FRANCISCO

Assistant Professor, Tenure-Track, Department of Computer Science

The Department of Computer Science at the University of San Francisco is accepting applications for a tenure-track position at the Assistant Professor level starting in August 2023, contingent upon funding approval. We are particularly interested in candidates with an interest in supporting a diverse student population.

To Apply, visit: <https://apptrkr.com/3326385>

University of Wisconsin-Madison

*Assistant or Associate Professor,
Design Studies*

The Interior Architecture (IA) program and the Design Studies department, is an internationally recognized program known for innovative interdisciplinary research and broad-based professional education. Its mission is to combine research and design practice to improve people's lives through human-centered design within the built environment.

This Assistant/Associate Professor is responsible for conducting and disseminating impactful research scholarship, delivering rigorous lecture, studio, and seminar instruction at the undergraduate and graduate levels. The position will provide leadership in

recruiting, teaching, and mentoring of graduate students, and to advise students on academic and career choices.

For more information, visit the UW Jobs website: <https://jobs.hr.wisc.edu/en-us/job/514537/assistant-or-associate-professor-design-studies>.

Wellesley College

Professor/Associate Professor/Assistant Professor of Computer Science

Wellesley College seeks candidates for faculty positions in computer science at all levels (Professor/Associate Professor/Assistant Professor), starting in July 2023. The Computer Science Department is strongly committed to outstanding teaching and scholarship, and to providing students with the

best possible research experiences. We are especially interested in candidates whose teaching, scholarship, service, or personal experience has prepared them to successfully attract, retain, and mentor underrepresented students in computing.

The tenure track position has a teaching load of two courses per semester, with the opportunity to develop new courses in the candidate's area of specialty and support for a vigorous program of research. Ph.D. required, preferably in Computer Science or a related discipline. We welcome candidates with any specialization. Candidates interested in one or more of the following areas are especially encouraged to apply: privacy, security, computer science education, systems, machine learning, as well as the social and ethical implications of computer science, particularly with regards to underrepresented communities.

Information about the department can be found at <http://www.wellesley.edu/cs>.

To apply: https://wd1.myworkdaysite.com/en-US/recruiting/wellesley/wellesley-faculty/details/Professor-Associate-Professor-Assistant-Professor-of-Computer-Science_R0002367?q=computer%20science

Yale School of Management

*Assistant Professor of
Marketing (Quantitative)*

The Yale School of Management seeks applicants in the field of Quantitative Marketing for a tenure-track faculty position at the rank of Assistant Professor.

Professional Opportunities

Applicants must have a Ph.D. or equivalent degree (or will earn the degree within one semester from the start of the appointment) in Quantitative Marketing or a related field such as Computer Science, Statistics, Economics or Engineering. We are seeking applications from graduating students, post-docs and others who show exceptional promise.

This is a full-time, tenure-track position located at the Yale School of Management in New Haven, Connecticut.

To apply, visit

<https://apply.interfolio.com/107176>
