COMPUTING RESEARCH **N E W S**

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

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CRN At-A-Glance

CRA Update: Snowbird Theme Reveal! Plus: Your Chance to Nominate Future Leaders to Attend

Before you know it, it will be time for the 2024 CRA Conference! To be held this year in Snowbird, Utah from July 23-25, this will be a can't-miss event for leaders from CRA member institutions. Read on for the announcement of this year's theme and your opportunity to nominate a future leader to attend.

See page 2 for details

CRA-E to Host CSGrad4US Informational Webinar on February 13

Are you or anyone in your network currently working in the tech industry and considering a career change? If so, the NSF CSGrad4US Fellowship Program may be an excellent fit! Join CRA-E and the CSGrad4US team for an informational webinar on **February 13, 2024 from 7:30-8:15 pm ET**. Register to attend here.

See page 3 for details

NSF's Jill Denner to Discuss Supplemental Funding on February 2 BPCnet.org BPC Community Forum Webinar
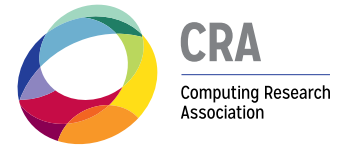
Are you an active NSF CISE award recipient with Broadening Participation in Computing (BPC) Plans? Join us for the next BPCnet.org BPC Community Forum webinar on Friday, February 2 at 12 p.m. ET for a discussion led by the National Science Foundation's Jill Denner on the recent Dear Colleague Letter for BPC Supplements. Register here.

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CRA Update: Snowbird Theme Reveal! Plus: Your Chance to Nominate Future Leaders to Attend

By Tracy Camp, Executive Director and CEO

Before you know it, it will be time for the 2024 CRA Conference! To be held this year in Snowbird, Utah from July 23-25, the 2024 CRA Conference will be a can't-miss event for leaders from CRA member institutions, including chairs/heads/deans of computing departments/schools and leaders from U.S. industrial and government computing research laboratories and centers.

As an invitation-only conference, the CRA Conference is a unique opportunity for computing research leaders across North America to gather, network, and address common issues in the field. If you haven't already, click here to add the conference to your Google calendar. Leaders from CRA member institutions should keep an eye out for their email invitations to register in the near future.

Conference Theme Reveal

And now, the conference co-chairs are pleased to reveal the theme of this year's conference: **generative AI**.

"Generative AI was selected as the theme for this year's CRA Conference for the simple reason that it's in the midst of a once-in-a-generation boom," said **Divesh Srivastava**, conference co-chair, CRA board member, and head of database research at AT&T Labs. "Generative AI is a topic that is not only timely, but one that cuts across the multiple constituencies that the CRA Conference serves. It's a topic that we need the whole community to engage with, not just the companies with the budgets to develop it."

"It's exciting because this new technology will allow us to do so many new things, but of course there are good and bad sides," said **Maria Gini**, conference co-chair, CRA board member, and professor of computer science at the University of Minnesota. "The CRA Conference is the perfect opportunity to bring together the whole community–academia, industry, and government–to have the hard and important discussions, to better understand the dangers and implications, and grapple with the ethics of this very powerful tool."

New! Nominate Future Leaders to Attend

In an effort to help develop the pipeline of future leaders in computing and create points of connection between senior and more junior researchers from across organizations, the conference co-chairs and the CRA Board of Directors are excited to announce the **CRA Conference Future Leaders Program**.

As a new initiative for the 2024 conference, a select number of researchers who have demonstrated the potential to be a future leader in the field will be selected to attend the 2024 CRA Conference as a part of the inaugural cohort of CRA Conference Future Leaders.

In addition to being full conference attendees with access to attend sessions and network with senior leaders, CRA Future Leaders will receive special recognition during the conference's opening session and be invited to an exclusive Future Leaders networking event. The researchers selected for this opportunity will also present a lightning talk on a computing research topic of their choosing during a special Future Leaders conference session.

"My fellow co-chairs and I are very excited to introduce this new opportunity for Future Leaders to be a part of the important discussions that will take place at this year's conference," said **Rachel Pottinger**, conference co-chair, CRA board member, and professor of computer science at the University of British Columbia. "The people we hope to attract with this opportunity are the researchers who will carry computer science research into the future, and it's our hope that their experience at the conference will be additive to their development, whether it be by sparking an interest in a new research direction, the start of a new research partnership, or simply making new connections and friendships."

If you would like to nominate a researcher to be a CRA Conference Future Leader, complete this form by March 15, 2024. Nominations must be completed by a CRA member primary contact (e.g., department chair), and each member unit may submit only one nomination for consideration.

NOMINATION FORM

Reach out to snowbird@cra.org with any questions.

CRA-E to Host CSGrad4US Informational Webinar on February 13

By Kayley McDonald, Program Associate, CRA-E

Are you or anyone in your network currently working in the tech industry and considering a career change? Are you or they interested in pursuing a Ph.D. in computer science, computer engineering, or information science? Would you or they find value in mentorship and financial support?

If so, the NSF Computer and Information Science and Engineering Graduate Fellowship Program (CSGrad4US) may be an excellent fit!

Join CRA-E and the CSGrad4US team for an informational webinar on **February 13, 2024 from 7:30 pm - 8:15 pm ET**.

CSGrad4US aims to increase the number and diversity of domestic graduate students pursuing research and innovation careers in computer and information science and engineering fields. The program helps bachelor's degree holders return to academia and pursue their research interests, enabling them to engage in innovative and high-impact projects without the burden of financial constraints. Each year, a diverse cohort of CSGrad4US fellows is selected based on their demonstrated interest and potential in pursuing a doctorate in a CISE field.

CSGrad4US makes graduate school more accessible through mentorship and funding. All mentees participate in a year-long preparation program, during which mentors and coaches help them identify a graduate program, find a research mentor, and apply to graduate programs. Once enrolled in a qualifying graduate program, fellows receive funding for 3 years of their selected graduate program. Fellows also form a network with one another, and with faculty advisors, for support on their educational journeys and beyond.

Join us for an informational webinar on February 13th, 2024 from 7:30-8:15pm ET, during which the CSGrad4US team will provide an overview of the program, discuss funding, and answer questions!

Registration is required to attend this Zoom webinar event. After registering with your name and email address, you will be emailed a calendar invitation with the Zoom webinar link.

UR2PhD New Virtual Workshop Series Seeks to Increase Computing Research Awareness Among Undergraduates

CRA
Computing Research Association

By Julia Sepulveda, Program Associate, CRA-E

In Spring 2024, the UR2PhD team will launch a monthly virtual workshop series to help undergraduate students learn more about computing research.The workshops will provide insight into key areas such as research challenges, career paths and preparation, daily routines, and opportunities for making meaningful contributions to society through computing research.

A one-hour online session will be held each month beginning in February 2024 and ending in May 2024. Undergraduate students need not be previously affiliated with the UR2PhD program to participate. All undergraduates curious about computing research are encouraged to attend. Students are encouraged to attend the sessions synchronously, as they will include interactive components such as opportunities for Q&A with well-known computing researchers, graduate student researchers, and undergraduate researchers from universities across North America. Sessions will also be recorded for future viewing.

A full schedule of the workshop series and additional information about the sessions will be posted on the UR2PhD website.

UR2PhD is organized and managed by CRA's Education Committee (CRA-E) and the Committee on Widening Participation (CRA-WP). It is led by Program Leaders Christine Alvarado, Kelly Shaw, Lori Pollock, and Monique Ross, with support from Susan Rodger. The program was launched with the support of a $5 million grant from a philanthropic partner with the intent of substantially increasing the enrollment of women and other gender-marginalized communities, especially students who identify as Black, Latinx, Native, and/or Indigenous, within computing doctoral programs.

To learn more about UR2PhD, please visit https://cra.org/ur2phd/

NSF's Jill Denner to Discuss Supplemental Funding on February 2 BPCnet.org BPC Community Forum Webinar

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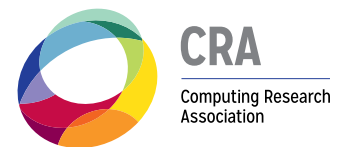
By Andres Purpuro, Program Assistant, CERP

Are you an active NSF CISE award recipient with a Broadening Participation in Computing (BPC) Plan? Or are you a computing researcher interested in deepening your understanding of how BPC efforts get funded?

Join us for the next BPCnet.org BPC Community Forum webinar on **Friday, February 2 at 12 p.m. ET** for a discussion led by the National Science Foundation's Jill Denner on the recent Dear Colleague Letter for BPC Supplements.

REGISTER TO ATTEND

Jill Denner, Program Director, National Science Foundation

The letter, published in December, invites recipients with certain active CISE awards (e.g., CISE Core, SaTC, CPS) with BPC plans to submit requests for BPC Supplements, which are strongly encouraged to be submitted by March 31. Join our BPC Community Forum to learn more about the eligibility for BPC Supplements, the nature of their support, preparation and submission tips, and reporting BPC activities and outcomes.

Registration is required to attend this Zoom webinar event. After registering with your name and email address, you will receive an email confirmation with the Zoom webinar link.

The live transcript will be turned on for this BPC Community Forum webinar. If you have any accessibility needs, please reach out to bpcinfo@cra.org.

About Jill Denner

Jill Denner is a Program Director at the National Science Foundation. Currently serving as a rotator in the Computer and Information Science and Engineering (CISE) Directorate in the Education and Workforce (EWF) cluster, she manages programs, contracts, and cooperative agreements related to program evaluation and broadening participation in computing from K-12 through higher education. Her programs include Research Experiences for Undergraduates (REU), Computer Science for All (CSforAll), Computer Science Graduate Fellowships (CSGrad4US), Computing in Undergraduate Education (CUE), and Broadening Participation in Computing (BPC).

Outstanding Undergraduate Research Awards Winners Announcement

By Julia Sepulveda, Program Associate, CRA-E

2023-2024 Outstanding Undergraduate Researcher Award Recipients

The Computing Research Association (CRA) would like to congratulate the recipients of the 2023-2024 Outstanding Undergraduate Researcher Award!

With the support of Microsoft Research and Mitsubishi Electric Research Labs (MERL), CRA celebrates and recognizes undergraduates who demonstrate outstanding potential in an area of computing research. This year's awards are sponsored by Mitsubishi Electric Research Labs (MERL).

Faculty from institutions across North America nominated undergraduate researchers who demonstrate strong research capabilities and a commitment to advancing the field. This year, **Alejandro Medina** (Southwestern University)**, Arvin Sahami** (University of British Columbia), **George Zhaoqi Li** (University of Maryland), and **Kianna Bolante** (University of Washington) were selected as awardees. As such, these students will receive up to $1,500 of financial support to attend a research conference of their choice.

CRA continues to be amazed and inspired by the talent that persists across the continent. This year's group demonstrated stellar accomplishments; several nominees contributed to more than one research project and many of them authored multiple publications. Importantly, the research contributions of this year's nominees had a broad and deep impact on the computing community. Several nominees led the development, analysis, and progression of long-standing research problems in their respective areas. And, collectively, their research demonstrated a commitment to theoretical advancements and real-world applications.

Outstanding Undergraduate Research Awards Winners
(continued)

Given the impressive nature of the nominees, **CRA would also like to commend every student who was selected as an awardee, runner-up, finalist, and honorable mention.** We look forward to seeing what this next generation of talent will do going forward.

A special thank you to the Co-Chairs of the selection committee, Michael Hilton (Carnegie Mellon University) and Steven Swanson (University of California, San Diego), who led this year's efforts. CRA is also grateful to Alex Psomas (Purdue University), Anna Rafferty (Carleton College), Bo Zhu (Dartmouth College), Brittany Duncan (Nebraska-Lincoln University), Hadi Hosseini (Pennsylvania State University), Jonathan Bell (Northeastern University), Matt Weinberg (Princeton University), Ovidiu Daescu (University of Texas, Dallas), Rahmat Beheshti (University of Delaware), and Tracy Hammond (Texas A&M University) for volunteering their time to review and acknowledge this year's nominees.

A full list of the winners, runners-up, finalists, and honorable mentions is available below.

Awardees:
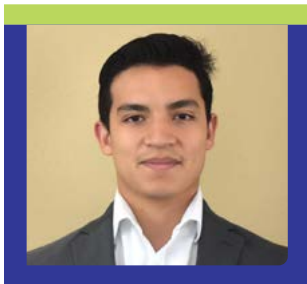
Alejandro Medina, Southwestern University

Alejandro Medina is a senior at Southwestern University, majoring in computer science, with minors in mathematics and data science. His research spans various areas, including cooperative work, Dial-a-Ride scheduling, and studying generative algorithms via evolving flying machines in Minecraft. His work in evolutionary computation focused on improving generative AI to be better at content creation for video games. Alejandro developed a fitness function that successfully generated diverse and high-quality flying machines. Alejandro also led a project to implement and perform evaluation of a dial-a-ride scheduling problem, providing empirical insights to complement previous theoretical findings. In addition to research, Alejandro is active in departmental organizations, including the CS club and the Math club; he also serves the department as the Vice President of the Honor Code Council, and as an officer in HALO, the Hispanics and Latinx Organization.
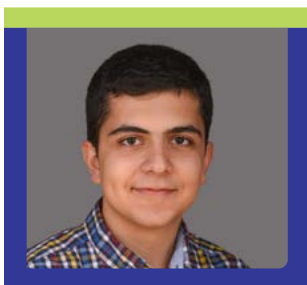
Arvin Sahami, University of British Columbia

Arvin Sahami is a junior at the University of British Columbia, majoring in computer science and mathematics. His research is focused on theoretical computer science. Arvin collaborated on research that addressed a statistical experiment design problem defined by Rao in 1947 that was unsolved for 76 years. His contributions led to the development of a new algorithm capable of constructing orthogonal arrays whose size asymptotically match their lower bound. While Arvin's contributions produced an important theoretical result, it is also important to note that it is practical and may have a broader impact for statistical experiment design. Beyond his contributions to research, Arvin volunteers in a math camp for high school students and participates in math and programming competitions.
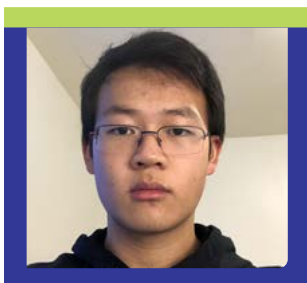
George Zhaoqi Li, University of Maryland

George Zhaoqi Li is a senior at the University of Maryland, College Park, majoring in computer science and mathematics. His research spans several areas of theoretical computer science with a particular focus on problems relevant to the COVID-19 pandemic. George's primary research involved optimizing vaccine distribution, while accounting for patient mobility and privacy. His work was both innovative and impactful. George actively contributes to academia, frequently presenting on differential privacy and developing homework problems on the topic for courses at his university. Beyond his role as a researcher, George is a table tennis player; he and his teammates recently placed 10th at the College Table Tennis National Championships.

Kianna Bolante, University of Washington

Kianna Bolante is a junior at the University of Washington, majoring in computer science. Her research touches on social computing, accessibility, and computer science education. Kianna developed and refined seven educational modules for high school students on social aspects of computing (e.g., online behavior, machine learning and bias, and misinformation), and presented them to over fourteen hundred students at thirteen schools around Seattle. She measured the impact of her presentations and learned that the vast majority of the students found socially-focused topics more interesting than STEM topics in general. Kianna also contributed meaningfully to a project that helped people with Parkinson's disease use virtual reality. This research supported an international study of identity- vs. person-first language preferences among disabled people. In addition to being a researcher, Kianna is an advocate for inclusivity and empowerment. She serves as chair of the Computing Community group in her department and as the outreach committee lead of the Society of Women Engineers.

Runners Up:

Alexa Schor, Yale University

Alexa Schor is a senior at Yale, majoring in computer science. Her research is in computer graphics, where she focuses on addressing long-standing challenges in fractal geometry generation. Her work addresses the production of fractals and their potential animation, problems that are of great interest to movie studios and artists. Alexa's work built on and quickly surpassed her advisor's prior efforts. She devised a stable, rapid, and highly adjustable solution with stunning visual outcomes. Alexa's algorithm was able to unlock, what her advisor called "an entirely different class of geometry." Beyond research, Alexa is an avid baker and metalworker. She also enjoys studying linguistics, and currently serves as the Co-President of Trans@Yale.
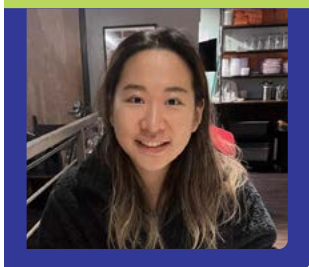
Andi Xu, University of Michigan

Andi Xu is a senior at the University of Michigan, majoring in computer science and mathematics. Her research interests are in allowing blind and visually impaired (BVI) people to create their own AI-powered assistive applications. Andi designed user studies to understand the varied ways that BVI people customize technology, and used the findings to develop a design probe that allows users to understand elements of their physical environment. Andi also led the deployment studies for two mobile applications that BVI people use to extract information from their environment. Her analyses have broadened understanding of how visual assistive applications are leveraged by users. In addition to her research, Andi serves as a teaching assistant for an upper-division User Interface course and is a member of UMichigan's Girls in Electrical Engineering and Computer Science club where she works to improve diversity in CS.

Benjamin Przybocki, Stanford University

Benjamin Przybocki is a senior at Stanford University, majoring in mathematics with a minor in computer science theory. His research is focused on automated reasoning. Ben's research proved results in the area of theory of finite sequences, as well as proofs to show the non-existence of combinations of first-order theories that previous work had been unable to either find examples, or prove to be impossible. In addition to his work at Stanford, Ben has participated in several REUs, where he focused on combinatorics. His research contributions determined exactly the possible

lengths of words with several properties. Ben mentors college, high school, and middle school students in math and computer science. He also mentors a prison inmate through the Prison Mathematics Project.

Isaac Hair, University of California, Santa Barbara

Issac Hair is a junior, majoring in computing. His research area is in computer architecture. Isaac's work tackles energy consumption bottlenecks inherent to machine learning training and other applications, which move petabytes of data across data center's networks. His solution includes building a "Data center hyperloop" that physically moves SSDs containing data at high speeds through a vacuum tube assisted by magnetic levitation and acceleration. In addition to the work optimizing data transfers, Issac has participated in research at UIUC, on the problem of 3SUM. Issac is a member of the UCSB Formula SAE club, and serves as a math tutor for students at his former high school.

Finalists:

Ajay Sridhar, University of California, Berkeley	Jacob Chen, Williams College
Andre Ye, University of Washington	Mark Bedaywi, University of Toronto
Ann Li, University of Virginia	Matthew Yang, University of Waterloo
Anna Baskin, University of Pittsburgh	Maximilian Du, Stanford University
Claris Winston, University of Washington	Megan Frisella, Brown University
Eli Pregerson, Harvey Mudd College	Om Chabra, University of Illinois, Urbana-Champaign
Eric Chen, Cornell University	Peter Eckmann, University of California, San Diego
Federico Cassano, Northeastern University	William Yik, Harvey Mudd College

Honorable Mentions:

Aditya Ranjan, University of Maryland	Brennan Freeze, Sonoma State University
Alan Baade, University of Texas at Austin	Caroline He, Cornell University
Alex Suh, University of Virginia	Carolyn Zech, Brown University
Alex Zhuang, University of Waterloo	Catherine Huang, Harvard College
Alexander Martin, University of Rochester	Charumathi Badrinath, Harvard College
Alice Qian Zhang, University of Minnesota	Chenhao Zheng, University of Michigan
Alsa Khan, Cornell University	Cyrus (Zikai) Zhou, University of Chicago
Amanda Kane, Belmont University	Daniel Ji, University of California, San Diego
Angela Cui, Cornell University	David Rudo, Carnegie Mellon University
Anh Truong, Brown University	Dennis Tang, Duke University
Ashley Zhuang, Harvard College	Edward He, Tufts University
Athreyi Badithela, University of Minnesota	Eleanor Lin, Columbia College
Audrey (Yutong) Bu, Emory University	Emilie Rivkin, Swarthmore College
Benjamin Burns, Ohio State University	Ethan Dong, Yale University
Benny Rubin, Cornell University	Feiyu Gavin Zhu, Carnegie Mellon University
Brandon Vu, Stanford University	Frank Willard, Duke University
Brendan Burkhart, Johns Hopkins University	Gaotang Li, University of Michigan
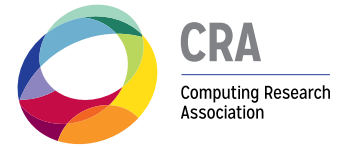
Garrett Weil, Northwestern University

Greta Berendes, Cornell University

Guilin Hu, Cornell University

Haoran Zhao, Drexel University

Haoyun Qin, University of Pennsylvania

Harry Chen, Duke University

Huong Pham, Cornell University

Hyunsuk Bang, Illinois Institute of Technology

Imani Finkley, Cornell University

Jacob Serfaty, University of Chicago

Jasmine DeGuzman, University of Minnesota

Jasper Gerigk, University of Toronto

Jessie (Zixin) Chen, Yale University

Jia Pan, Johns Hopkins University

Jiawen Zhu, University of Waterloo

Jimena Guallar-Blasco, Johns Hopkins University

Jimmy Xin, University of Texas at Austin

Jiuding Sun, Northeastern University

Joel Goh, Northwestern University

John Link, University of Virginia

Katherine Quintanilla, Tufts University

Kathleen Shea, Colorado College

Kiara Johnson, Carleton College

Kittson Hamill, University of Alabama

Konghao (Shelton) Zhao, Wake Forest University

Liam Strand, Tufts University

Liang (Leon) Lu, Carnegie Mellon University

Liza Jivnani, University of South Florida

Mallory Anderson, West Virginia University

Mark Barbone, University of California, San Diego

Marko Veljanovski, Northwestern University

Maryam Abuissa, Amherst College

Matthew Freestone, Auburn University

Matthew Ho, University of California, Santa Barbara

Matthew Williams, Auburn University

Michael Tang, Princeton University

Michelle Qiu, Duke University

Nadharm Dhiantravan, Northwestern University

Nigel Newby, University of Pennsylvania

Nuria Chandra, University of Washington

Oscar Yin, Johns Hopkins University

Param Damle, University of Virginia

Parth Asawa, University of California, Berkeley

Peter Donovan, University of California, Berkeley

Pinxian Lu, Cornell University

Praneet Rathi, University of Illinois, Urbana-Champaign

Prithwish Dan, Cornell University

Qiuhong Anna Wei, Brown University

Rana Muhammad Shahroz Khan, Vanderbilt University

Rowan Hess, Cornell University

Ruidi Wei, University of Waterloo

Ryan Koo, University of Minnesota

Ryun Shim, Cornell University

Sandra Nguyen, California State University, Fullerton

Sangwu Lee, University of Rochester

Sean Cummings, Illinois Institute of Technology

Sean Wu, Pepperdine University

Shankar Padmanabhan, University of Texas at Austin

Shiv Trivedi, University of Illinois, Urbana-Champaign

Shivani Sista, University of California, Santa Barbara

Sidhanth Holalkere, Cornell University

Siming He, University of Pennsylvania

Stephane Hatgis-Kessell, University of Texas at Austin

Stephen Arndt, University of Pittsburgh

Styopa Zharkov, Stanford University

Tahsin Kazi, Kennesaw State University

Téa Wright, University of Colorado, Boulder

Teeratham "TJ" Vitchutripop, University of Virginia

Thanh Dang, Colgate University

Venkataram Sivaram, University of California, San Diego

Viansa Schmulbach, University of California, Berkeley

Vicki Xu, Harvard College

Walter McKelvie, Columbia College

Xianrui Zhong, University of Illinois, Urbana-Champaign

Ye Shu, Williams College

Yenet Tafesse, Princeton University

Yijia Dai, Cornell University

Yiming Su, University of Chicago

Yizhou (Deemo) Chen, Cornell University

Yuxi Qian, University of Southern California

Zihan (Jack) Zhang, University of Chicago

Ziming Yuan, Swarthmore College

Unveiling Patterns: Undergraduate Ventures Into Statistically Significant Pattern Mining

By Yasra Chandio (CRA-E Fellow, University of Massachusetts Amherst) and Alejandro Velasco Dimate (CRA-E Fellow, College of William & Mary)

This Q&A highlight features Stefan Walzer-Goldfled, a Finalist in the 2023 CRA Outstanding Undergraduate Researchers award program. Stefan finished his undergraduate degree at Amherst College and is now pursuing a Master's in Environmental Modelling at the University College of London.

How did you find your first research opportunity?

In the summer of 2020, after my freshman year at Amherst College, during the height of the pandemic, I reached out to all computer science professors for research opportunities at Amherst College. Despite completing only introductory computer science courses, Prof. Matteo Riondato, my advisor, took me under his wing to embark on a research journey. At the outset, Prof. Riondato provided a personalized course in probability and computing, a crucial foundation for delving into his research projects.

Stefan Walzer-Goldfled, B.S. in Computer Science and Environmental Studies, Amherst College

How did you identify your first research project?

After a semester under Prof. Riondato's guidance, I collaborated with another student, Alexander Lee, on my inaugural research project, focusing on developing a parallel algorithm for balanced sampling. A parallel algorithm for balanced sampling is like having many helpers working together to ensure that every group in a dataset is fairly considered at the same time, preventing unfair bias. This project aimed to expand upon an existing sequential algorithm for balanced sampling. Drawing inspiration from other parallel algorithms, we successfully introduced parallelism, resulting in near-perfect speed improvements for generating balanced samples while preserving their equilibrium.

How did you navigate the transfer of knowledge between different projects?

Upon completing my initial research project with Prof. Riondato, I joined forces with fellow student Steedman Jenkins in a summer research program on campus, again working under Prof. Riondato. This second project, separate from the first, focused on exploring mining statistically significant frequent sequential patterns in transactional datasets. Drawing from the valuable lessons learned during my initial research with Prof. Riondato, an experience I found highly enriching, I eagerly embraced the opportunity to delve into this new research project despite its lack of connection to the previous one.

Can you tell us about your project?

Our research (second project), initially proposed by Prof. Riondato, evolved as we aimed to develop efficient algorithms for mining statistically significant frequent patterns (SFPs) under various data generation assumptions (null models). These assumptions encompassed scenarios like random uniform distribution, where events occur with equal probability; temporal dependency reflecting patterns influenced by time; and spatial distribution indicating patterns influenced by spatial proximity. The existing methods were slow and statistically inexact, prompting us to improve them, define novel null models, and build efficient algorithms. Subsequently, we explored existing algorithm's applications by scrutinizing assumptions about the data generation process in each instance. This exploration, in turn, guided us in developing novel null models. We restructured the problem, applied new statistical techniques, and developed two methods for each null model. Our research yielded a significantly faster than current state-of-the-art and statistically exact method for mining SFPs in the existing null model as described in the literature. Published in the Data Mining and Knowledge Discovery journal, we presented our work at ECML PKDD '22.

What did you learn about teamwork and collaboration from this research experience?

My most enjoyable aspect of the research was the collaborative nature of the process. Much of the work took place during the summer alongside a peer who was also one of my closest friends. The mutual exchange of ideas and joint problem-solving, even when faced with challenges, was incredibly enriching. Additionally, closely collaborating with our advisor, Prof. Riondato, offered valuable insights into how a seasoned computer scientist tackles problems.

Did you find any of your outside interests had any interplay with your research experience?

While working on my research, I held the roles of captain and president of the Men's Club Soccer team at Amherst College, in addition to being a climbing club member. This schedule meant engaging in soccer or climbing almost every day of the week. Balancing these extracurricular activities with my research and coursework posed a definite challenge. However, after participating in these physical activities, I discovered that I was significantly more productive, both in terms of focus and the quality of my work. Therefore, I considered these extracurricular pursuits essential for my academic success.

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

I highly recommend getting involved in research if the opportunity arises! This experience proved incredibly rewarding, providing me with a distinct set of computer science skills that surpassed what I gained in my classes. It also offered valuable insights into the broader realm of academia. It is equally imperative to seek an advisor with whom you not only share a close working relationship but also find collaboration enjoyable. Additionally, selecting a research topic that genuinely engages your interest is crucial for a fulfilling research experience.

Nominations for the 2024 CRA-WP Early Career Awards Due January 31

By Lauren Lashlee, Program Associate, CRA-WP

Nominations for the 2024 CRA-WP Early Career Awards are due by January 31, 2024 at 11:59PM ET. The two honorary awards under the Early Career Award umbrella are The Borg Early Career Award (BECA) and The Skip Ellis Early Career Award (SEECA). If you know of an eligible, outstanding computing science researcher who is working to make a difference in the world, nominate them today!

To find out more about the Nomination process and eligibility, please visit the CRA-WP Early Career Awards webpage.

Last year, **Robin Brewer**, University of Michigan, won the 2023 BECA for her outstanding accomplishments in Robotics and Social computing to enhance the lives of the elderly and those with disabilities. Robin is dedicated to service; she has volunteered for and co-organized mentoring programs for women and people of color, including the CHI Mentoring Program (CHIMe) at the ACM CHI conference and a virtual writing group for Black women in computing fields. Robin received her award at the 2023 ASSETS conference this past October in New York, NY. The award was presented by CRA-WP board member Ramón Cáceres.

Here are some highlights from Robin's supporters:

"One characteristic that sets Robin apart from her peers is her commitment to mentorship and diversity in computing. She mentors many graduate and undergraduate students at the University of Michigan and other universities. Robin spends much of her time mentoring underrepresented students in computing."

"… I am simply a big fan of Dr. Brewer. It has been such a pleasure to watch her career progress and to see her engage with the BPC community. I have no doubt that she will continue to thrive as a researcher and from that platform, impact many young diverse researchers to come after her. I look forward to watching it all unfold."

"… providing my full-throated support of Dr. Brewer for this award. She embodies and practices what (to my understanding) the award is intended to support, and I am confident that any support will only have amplifying effects on our broader community."

Additionally, **Michael Carbin**, Massachusetts Institute of Technology, won the 2023 SEECA for his outstanding accomplishments in advancing the computer science fields from challenging assumptions of compiler capabilities to training neural networks. Michael has shown dedication to mentoring and advising those in his vicinity and doing so with unpresuming tact and consideration.

Here are some highlights from Michael's supporters:

"Dr. Carbin is now a proven researcher approaching the prime of his career. He has already demonstrated a remarkable ability to operate across very different fields (consider that, rooted in programming languages, he was able to make a foundational contribution in machine learning, one of the most active and competitive fields in all of computing)."

"I have observed a commitment to changing the culture of our community through how he mentors peers and prospective students. A person from an under-represented group is not a role model if they adopt the problematic methods and values of an oppressive system. I believe Michael is an exemplary role model whose leadership is evident in the compassion and support he has shown over the years to those with less power."

"I have seen first hand Mike's insight and drive to uncover the truth. I've also watched him mentor several of his students, which he does with wisdom, patience, and support."

"Michael has a tremendous vision of the future of computer science, with interests spanning important core areas from the fundamentals of computing (programming languages, compilers, architectures) to the latest advances in machine learning. Besides being able to identify the most important problems in the field, he is creative, super capable, hardworking, and has great research leadership in nurturing young talents."

"Michael is a superstar who has already made significant impact across many important fields in computer science. I cannot think of anybody more deserving of this…"

To find out more about the Nomination process and eligibility, please visit the CRA-WP Early Career Awards webpage.

Mentor and Student Applications to CRA-WP's DREU Program Due February 15

CRA-WP
Computing Research Association
Widening Participation

By Ming C. Lin, University of Maryland at College Park

CRA-WP's Distributed Research Experiences for Undergraduates (DREU) program is a research mentoring program that matches students with a faculty mentor for a summer research experience at the faculty mentor's home institution. DREU interns have the opportunity to be directly involved in a research project and interact with graduate students and professors on a daily basis. This experience is invaluable for students who would like to learn more about what it's like to do research and explore research careers. At the end of the summer, interns design a poster detailing their project, which can be submitted to conferences–such as GHC, Tapia, Great Minds in STEM, and SACNAS–for which they are eligible to receive funding to attend. Faculty mentors have the opportunity to work on their research project with new students from other institutions and to mentor future graduate students.

The DREU program is supported by the National Science Foundation (NSF) in partnership with other organizations, including the NSF-funded Alliance for Access to Computing Careers (AccessComputing) and the Institute for African-American Mentoring in Computer Sciences (iAAMCS).

DREU is firmly committed to broadening participation in computing, and over its nearly 30 years of existence has helped introduce more than a thousand undergraduates from groups minoritized in tech to computing research by matching them with a faculty mentor for a paid summer research experience.

Applications for mentors and students are due **February 15, 2024**.

APPLY NOW

Big Changes for 2024

Based on participant survey data, DREU has made significant updates for 2024, including refinements to the application and matching processes, as well as the resources DREU interns and mentors receive as a part of the program.

For mentors, for the first time this year DREU will accept applications from faculty from institutions without graduate programs. For interns, the program will encourage applications from students earlier in their academic career (e.g., rising sophomores) and from students with no prior research experience. In addition, the program will offer students the additional flexibility to stay at their home institution if they choose.

Read more about these changes in our article from November.

Positive Impact on Student Participants

The Computing Research Association's (CRA) Center for Evaluating the Research Pipeline (CERP) evaluates the effectiveness of intervention programs designed to increase retention of individuals from underrepresented groups in computing, namely men from underrepresented racial/ethnic groups, and women of all racial/ethnic backgrounds. More generally, CERP strives to inform the computing community about patterns of entry, subjective experiences, persistence, and success among individuals involved in academic programs and careers related to computing.

Based on the latest CERP survey in 2022, DREU participants reported a statistically significant increase in their ability related to their research skills in writing or co-authoring a research paper or report. DREU participants reported stronger mentorship support, wherein they were more likely than before DREU to have a mentor who helped them improve their research skills and explore career options with them.

After completing the DREU program, participants felt that they knew more about the graduate school process, where they became more aware of career options in computing, knowing what it would be like to work in academia, and choosing the right program for them. Also, twice as many DREU students attended graduate school compared to other REU students.

For group comparisons, there were significant differences over time between groups for the measures of preparing graduate school application materials and having a strong network of peers to interact with at conferences. However, there were no significant differences over time between DREU participants and participants in CISE REUs in the measure of computing identity, feelings related to imposter syndrome, general job interests, highest degree intentions, and career aspirations.

In terms of team dynamics, DREU students felt their experience was "somewhat" collaborative on average, as 43 percent reported that they did not feel like they were competing with other undergraduates on the same project. Participants were more likely to agree that their mentors demonstrated professional integrity and content expertise in their research area. DREU students reported somewhat less satisfaction with the communication about the program, but they were more satisfied with having access to resources for their research projects than other REU sites.

Faculty Mentor Feedback

For the faculty mentors, CERP results indicate faculty mentors were satisfied with the DREU program. Faculty mentors reported the highest levels of satisfaction with the requirements expected of them (79%) and the amount of time needed to devote to the program (85%), indicating the DREU mentors found the current level of effort required of them reasonable.

Mentors reported connecting the DREU participants with current graduate students; speaking with them about graduate school details, such as the application process and degree options; and encouraging them to attend presentations and seminars related to the graduate school and professional development. All mentors who responded to the survey indicated they encouraged their students to consider graduate school options at least a moderate amount.

Furthermore, 64 percent of mentors indicated they prepared a research paper with their DREU students as co-authors. Additionally, 14 percent of mentors submitted a student co-authored paper proposal to a conference or journal and 43 percent submitted a student co-authored poster proposal to a conference. All mentors who had papers in preparation reported they had plans to continue communication with their DREU students after the summer ended.

About the Author:

Ming C. Lin *is a Distinguished University Professor, Barry Mersky & Capital One Endowed Professor, and former Elizabeth Stevinson Iribe Chair of Computer Science at University of Maryland at College Park, and Parker Distinguished Professor Emerita of Computer Science at University of North Carolina (UNC) - Chapel Hill. She is also an Amazon Scholar. She received her B.S., M.S., Ph.D. degrees in EECS from University of California, Berkeley. Her research has been recognized by NSF Young Faculty Career Award, UNC Hettleman Award, IEEE VGTC VR Technical Achievement Award, Washington Academy of Sciences Distinguished Career Award, and several best paper awards.*

She is a Fellow of National Academy of Inventors, ACM, IEEE, Eurographics, ACM SIGGRAPH Academy, and IEEE VR Academy. She is also a member of CRA and CRA-WP Board of Directors, EC of AsiaGraphics (AG), Chair of AG Awards Committee and IEEE Computer Society Goode Memorial Award Subcommittee, and a former Chair of IEEE CS Computer Pioneer Awards Committee, Fellows Committee, and Transactions Operations Committee, as well as the Founding Chair of ACM SIGGRAPH Outstanding Doctoral Dissertation Award Committee. She is an Editor-in-Chief-Emerita of IEEE Transactions on Visualization & Computer Graphics and a former IEEE CS Board of Governors member.

Infographic: Internships and Independent Research Projects Are Top Two Activities That Prepare Students for Their Early Career After College

CERP
Computing Research Association
Evaluation

By Rainey Jernigan, Research Associate, CERP

Rate the degree to which you disagree or agree that the following helped prepare you for your current position

Legend:
- Strongly Disagree
- Somewhat Disagree
- Neither Disagree nor Agree
- Somewhat Agree + Strongly Agree

X-axis categories: Independent Projects or Research, Teaching Experience, Internships, Student or Professional Groups
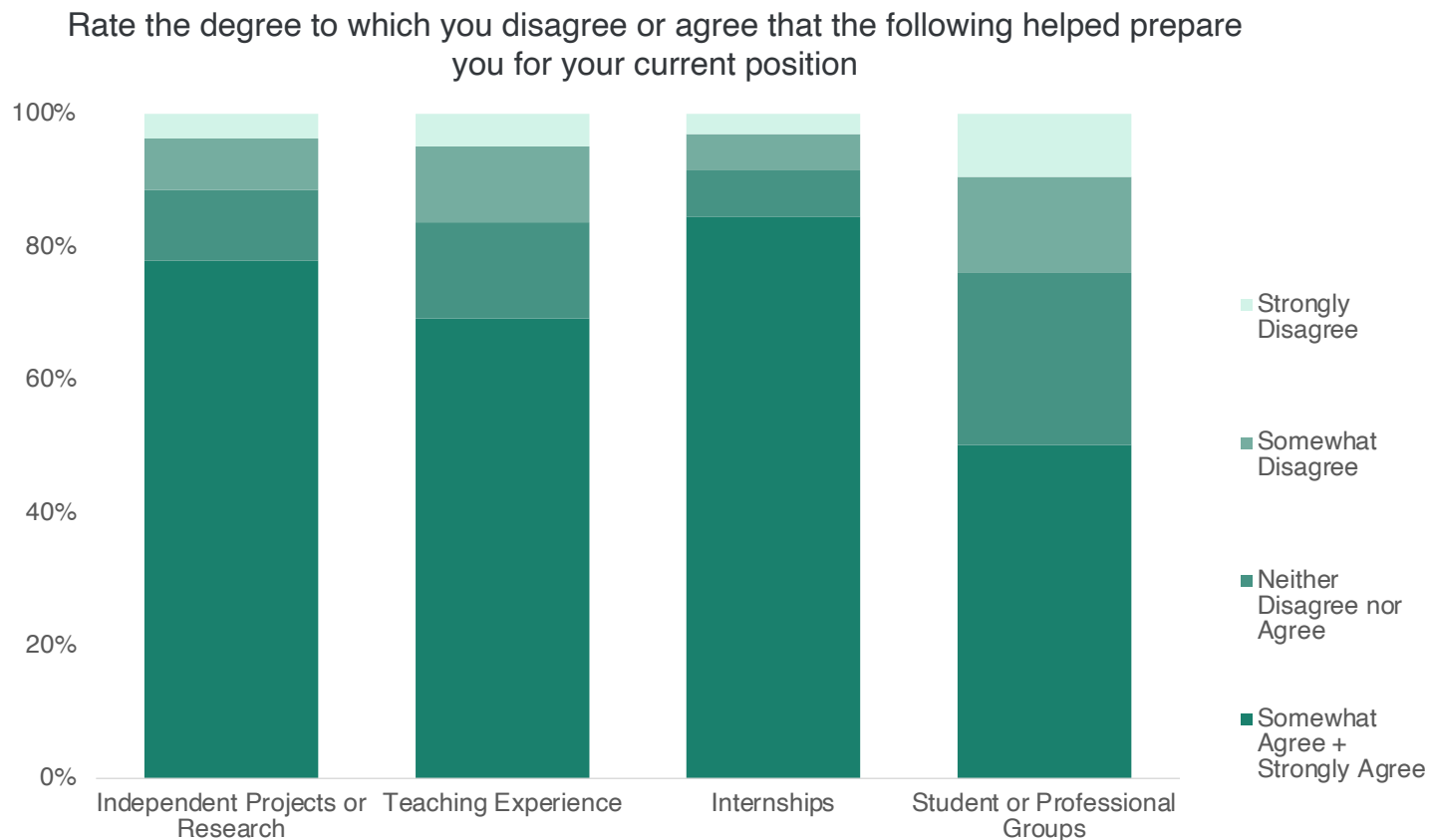
Source: CRA Data Buddies Survey (2022). Center for Evaluating The Research Pipeline. Computing Research Association.
Notes: Survey respondents were asked: Rate the degree to which you disagree or agree that the following helped prepare you for your current position

During the 2022 fall semester, recent graduates (within five years of graduation) who majored in computer science (CS), information technology (IT), and computer/software engineering (CSE) and currently employed were asked about the extent to which various professional activities they may have engaged in during their college career prepared them for their current position. This graphic specifically explores a survey question that asks about students' experiences outside of an REU. The positive impact of formal REUs have been studied and communicated (e.g., One Year Later, CERP Data Still Indicate REU Participation Relates to Graduate School Enrollment; Quality Research Experiences Anchor the Future of CISE Undergraduate Education). Based on these results activities outside of formal REUs are also impactful in students' careers.

Among the respondents who are currently working, the survey asked what activities have helped them prepare for their current position (measured using a Likert scale of strongly disagree to strongly agree). The following are the top reported activities that helped respondents prepare for their current role:

1. Internships- 85% of respondents agreed

2. Independent Research Projects- 78% agreed

3. Teaching Experiences- 69% agreed

4. Student/Professional Groups- 50% agreed

Internships, independent research projects, teaching experiences, and participation in student/professional groups positively impacted the perception of success in their current jobs. On the other hand, when current undergraduate students were asked the question: "Up to this point in your undergraduate program, which of the following experiences were you involved in that were NOT part of a formal REU?", only 55% of the respondents who are current students had participated in activities such as Independent research projects, Course-based research projects, Internships or co-ops, Research Assistant, Teaching Assistant, Entrepreneurial or consulting projects, K-12 outreach, Computing-related student groups.

These findings are important, because computer science activities can positively shape the student experience by expanding their research interests, preparing them for the future (whether that be in graduate school or in the workforce), and broadening their perspectives. Promoting activities such as internships, independent research, teaching, and participation in student/professional groups will allow students to gain important skills for their future roles.

Notes:

The survey data analyzed for this infographic were collected by Center for Evaluating the Research Pipeline via The Data Buddies Project. The sample includes 7,949 respondents for the question: "Up to this point in your undergraduate program, which of the following experiences were you involved in that were NOT part of a formal REU?"; and 650 respondents for the question: Rate the degree to which you disagree or agree that the following helped prepare you for your current position. Activities available to choose from: Independent research projects, Course-based research projects, Internships or co-ops, Research Assistant, Teaching Assistant, Entrepreneurial or consulting projects, K-12 outreach, Computing-related student groups, None of the above

Level of agreement is measured using a Likert scale (1) Strongly Disagree – (5) Strongly Agree. In the analysis a rating of (4) Somewhat Agree or (5) Strongly Agree were considered as "agreement" and reported as a single category.

Undergrad Uses Recursive Data Structures to Enhance Analysis of Parallel Programming

CRA-E
Computing Research Association
Education

By Yasra Chandio (CRA-E Fellow, University of Massachusetts Amherst) and Alejandro Velasco Dimate (CRA-E Fellow, College of William & Mary)

This Q&A highlight features Francis Rinaldi, an Honorable Mention in the 2022 CRA Outstanding Undergraduate Researchers award program. Francis earned their bachelor's and master's degrees from the Illinois Institute of Technology (IIT), and they continued working on this research after graduation.

Francis Rinaldi, B.S. in Computer Science, Illinois Institute of Technology (IIT)

What led you to computing research?

The initial appeal of computer science research was largely due to extrinsic factors. Serving as a research assistant offered financial support, enriched my knowledge, and significantly advanced my career. In Fall 2021, I enrolled in a graduate-level elective course titled "Topics in Programming Languages." This course delved deep into programming language theory, an intriguing fusion of mathematics and formal logic to address computer science issues. Prof. Stefan Muller, who taught the course, was in search of research assistants. Grasping this opportunity, I joined his team, and soon, our combined efforts bore fruit. We developed a mechanism to integrate recursive data structures into representations of program execution order, which culminated in my submission to the CRA Outstanding Undergraduate Research competition.

Could you share some initial challenges you faced in research?

Even with my coursework with Prof. Muller, understanding the core tenets of my research topic proved challenging. As a newcomer to both research and the programming languages field, I felt overwhelmed. Understanding the foundational paper that underpinned my research took considerable time. Additionally, explaining my work to peers proved to be a significant challenge. Thankfully, Prof. Muller's patience and guidance were instrumental during this phase.

Can you tell us about your project?

Broadly, my research extended a project aimed at predicting the possible orders of code execution, particularly in programs that use parallelism, to improve the analysis of source code across different tasks. Example applications include program optimization and deadlock detection. While it is impossible to predict the exact order of code execution due to parallelism, the goal was to approximate this order and provide a representation of all the different ways a program *could* execute. One limitation of this prior project was its inability to use several conventional programming features, such as lists and trees. By integrating recursive data structures, we extended the project's scope to include these features, which enhanced its usability. We demonstrated the soundness of the expanded project and developed a program that allows a notable subset of OCaml to utilize this research. I presented our contribution at ICFP 2022.

What challenges did you encounter in research?

Research progress was often slower than anticipated. Much of my time went into ideation, which did not always directly contribute to immediate research outcomes. It takes a lot of work to correctly identify problems and their potential solutions before addressing them, and there were instances when prolonged efforts hit dead ends. On top of this, some of these problems and solutions completely invalidated previous work and further impeded the sense of achieving substantial progress. I have accepted this as part of the research experience, validated by Prof. Muller's assurance that such slow-paced progress is typical in research. Over time, I have come to realize that quality research demands patience.

How was your team and work environment structured?

My team included Prof. Muller, Prof. Arthur Azevedo de Amorim from the Rochester Institute of Technology, and June Wunder, a Ph.D. candidate at Boston University. I had two weekly meetings – one in-person meeting with Prof. Muller and a virtual meeting with the entire team. My research schedule was flexible, allowing me to work from various locations like parks, trains, and beaches. Fragmenting my work both in location and time proved to be beneficial. Home breaks often involved making tea, enjoying a hobby, or cleaning, which enhanced my focus and satisfaction with my research. This method generally ensures I approach research with a fresh mind, aiding in problem identification and avoiding pitfalls.

How has research changed your perspective in life?

My research in logic has deeply shaped my perspective on life. It highlights the stark differences between logical frameworks and the unpredictability of human experiences. Additionally, research teaches the art of questioning, a skill applicable to many facets of life.

What diverse experiences have molded your research journey?

I have been a dedicated musician, co-founding an alt-rock band named Back Alley Miracle while simultaneously delving into research. Balancing both was challenging at times but manageable. My music knowledge influenced a programming project where I created a language to verify music's adherence to part-writing rules. Apart from music, my passion for games, especially video games, steered me towards computer science. I even minored in game design and developed a board game that won an award at my university.

Do you have any advice for budding student researchers?

Transitioning from structured classroom learning to hands-on research can be daunting. However, experienced colleagues often provide support during this adjustment. While reaching out to professors might seem intimidating, many are receptive to discussions and open to taking on new research assistants.

CCC Council Member Nominations Open

CCC
Computing Community Consortium
Catalyst

By Haley Griffin, Program Associate, CCC

The Computing Community Consortium (CCC) is charged with enabling the pursuit of innovative, high-impact computing research that aligns with pressing national and global challenges. Established in 2006 through a cooperative agreement between the U.S. National Science Foundation (NSF) and the Computing Research Association (CRA), the CCC provides a voice for the national computing research community, facilitating the development of a bold, multi-themed visions for computing research and communicating that vision to a wide range of stakeholders.

To fulfill its mission, the CCC seeks visionary leaders — people with great ideas, sound judgment, and the willingness to work collaboratively to see things through to completion. The Council is composed of 20-24 researchers representing the breadth and diversity of computing today.

Please help the computing community by nominating outstanding colleagues for the Council. The CCC carries out its work through an active and engaged Council, currently led by Chair Daniel Lopresti (Lehigh University) and Vice Chair Nadya Bliss (Arizona State University). The members of the Council are appointed by CRA, in consultation with NSF, for staggered three-year terms. In the aggregate, the Council strives to reflect the full breadth of the computing research community — this includes its research areas,

institutional structures and geography (e.g. industry / academia, public / private, large / small, urban / nonurban), and all other forms of diversity, broadly defined. The Council is fully supported by a dedicated staff at CRA.

What do CCC Council members do?

- Help develop and lead new visioning activities (e.g. **Building Resilience to Climate Driven Extreme Events with Computing Innovations: A Convergence Accelerator Workshop**)

- Shepherd visioning activities put forward by community colleagues (e.g. Workshop on **The Future of Research on Social Technologies**)

- Serve on and engage in topical CCC **Task Forces**

- Develop and lead new activities (**Community Roadmaps**)

- Engage with government agencies, industry, and sister organizations (NSF, NIH, NITRD, ACM, IEEE-CS, etc.)

- Write and edit **white papers**, **blog posts**, and contribute to other CCC communications efforts (e.g. **2020 Quadrennial Papers**)

- **Respond to Government RFIs**

- Participate in monthly video conferences

- Attend three full-day Council meetings each year

- Handle other requests from and for the community, as needed

For more information about the CCC, please visit our **website** and **blog**.

CCC invites nominations (including self-nominations) for members to serve on the CCC Council for three year terms beginning July 1, 2024 and concluding June 30, 2027. Our goal is for the Council to represent the full computing research community. We are seeking new members to complement the current Council to help us achieve this goal.

Please send nominations, together with the information below, to ccc-nominations@cra.org by 11:59pm EST on Friday, February 2, 2024.

Please include:

- Name, affiliation, and email address of the nominee.

- Areas of research expertise.

- Previous significant service to the research community and other relevant experience, with years it occurred (no more than *five* items).

- A curriculum vitae of the nominee (link to webpage is fine).

- A few sentences about why this candidate would be a great addition to the Council and complement its current membership.

- The names and contact information (email and phone) for 2-3 people who would be knowledgeable about the nominee's potential for such a service role.

Please note that in order to represent the community and provide a breadth of knowledge and backgrounds, the CCC selects new Council members from institutions different from those of continuing Council members.

If you submitted a nomination within the past three years and believe that individual would still be a good fit, please let us know along with any updates you consider relevant. We will include new information we receive when we review past nominations.

If you have any questions, please direct them to **cccdirector@cra.org**.

CCC Accepting Visioning Proposals from the Community

Computing Community Consortium
Catalyst

By Haley Griffin, Program Associate, CCC

The mission of **Computing Research Association**'s (CRA) **Computing Community Consortium** (CCC) is to enable the pursuit of innovative, high-impact research that aligns with pressing national and global challenges.

The CCC welcomes **proposals** for visioning activities from the community to catalyze innovative research at the frontiers of computing. Successful activities will articulate new research visions, galvanize community interest in those visions, mobilize support for those visions from the computing research community, government leaders, and funding agencies, and encourage broader segments of society to participate in computing research and education.

A well-formulated proposal should do the following:

- Describe the visioning topic area and its current state of development within the field,
- Explain the proposed activities in detail (if more than one activity, be sure to demonstrate the differences between the activities, the rationale for more than one activity, and the mechanisms to coordinate across activities),
- Connect the activity and the vision: how does the former support/foster the latter?
- Justify why this vision and this activity are appropriate now,
- Specify the intended outcomes of the activity, and
- Describe how those outcomes can be used to advance the visioning topic area.

A complete proposal must also

- Identify the organizing committee,
- Include brief biographical sketches of the organizers,
- Propose a representative set of potential invitees (be sure to include representation from industry, policy, and funding organizations),
- Provide a draft budget with justification, and
- Articulate how the success of the activity and its outcomes can be assessed.

If you have ideas or topics for visioning, please consider submitting a proposal. Workshop proposals are evaluated on a rolling basis. You should anticipate that at least nine months will be needed between the date a proposal is submitted and the workshop takes place. Proposals should be no more than six pages in length. They should describe the existing or potential vision(s) and proposed activities in detail, including how the larger community will be engaged. Please consult **these guidelines** for more information on how to create a successful proposal and a high-impact visioning workshop.

The CCC Director (cccdirector@cra.org) is happy to discuss your ideas at any stage of the process. To that end, we encourage you to submit a Letter of Intent (of no more than one page) addressing the high-level ideas. We look forward to discussing your ideas with you.

CCC and CRA-I Respond to NIH RFI on Developing Consent Language for Research Using Digital Health Technologies

CCC
Computing Community Consortium
Catalyst

By Haley Griffin, Program Associate, CCC

In December, the CCC, in collaboration with CRA-Industry (CRA-I), responded to a Request for Information released by the National Institutes of Health (NIH) on **Developing Consent Language for Research Using Digital Health Technologies**. The following CCC Council Members and CCC staff authored the response: David Danks (University of California, San Diego), Haley Griffin (Computing Community Consortium), Katie A. Siek (Indiana University), and Pamela Wisniewski (Vanderbilt University). CRA-I Council Member Tammy Toscos (Parkview Health) is also a co-author of the report.

NIH provided informed consent sample language that they plan to release as a voluntary guide for researchers that use digital health technologies, and sought feedback from the community not only on gaps or additional concepts that should be included or clarified in the language itself, but also on any barriers the community could identify that would inhibit its widespread use.

CCC and CRA-I's response proposed several improvements to their recommended language, including:

- Identifying who is responsible for paying for cellular data/internet connection.
- Explaining what constitutes a "medical device" versus what does not.
- Providing more specificity and/or customization for each item, as technology should not be voted as a monolith.
- Describing in more detail on how AI is used in the system, and how inferences from the data may be used/shared.
- Creating a brief training for establishing baseline competencies.
- Explaining how their data is going to be tracked, transformed, cleaned, and processed.
- Differentiate between treatment/intervention versus data tracking/monitoring.
- Handling with care the different consent and procedures for children.
- Addressing "dark patterns" (e.g., Opt Out, nudges to consent) for obtaining consent for research as a prerequisite to receiving medical treatment.
- Clarifying whether and how the data is protected by HIPAA.
- Noting explicitly what data participants can ask to be removed and what data they can not (and what data the researchers own vs. a 3rd party).
- Explaining risks related to child mandated reporting status of the reseachers (e.g., child abuse, sexual abuse, imminent risk of harm).
- Providing an external and unbiased point of contact in case of harm.
- Clarifying that the research team may withdraw them from the study if the participant no longer qualifies.
- Explaining that withdrawal will not adversely impact their standard medical care as provided prior to entry into the study.

The authors of the CRA response also noted that sometimes template language like this can manifest into required protocol without care being put into making sure it works for the study, and it is important to not require it as a blanket statement if it does not apply directly to the research.

Read the full CCC/CRA-I response **here**.

Establishing Partnerships with Industry at CRA-WP's Career Mentoring Workshop 2023

By Helen V. Wright, Manager, CRA-I

In November, **CRA-Industry (CRA-I)** had the honor of delivering a plenary talk at **CRA-WP's 2023 Early & Mid Career Mentoring Workshop** in Chicago, IL. The speakers, CRA-I's Co-Chair Vivek Sarkar (Georgia Tech) and Cynthia Bennett (Google), presented on "Establishing Partnerships with Industry at CRA-WP's Career Mentoring" and sparked vibrant discussions with the audience.

The speakers underscored the immense value of informal interactions like coffee chats at conferences and workshops. Emphasizing the impact of organic conversations, Cynthia shared an inspiring academia-industry collaboration that originated from a casual chat and evolved into a joint publication. Such partnerships not only facilitate resource-sharing and funding but also encourage exploration of broader research questions.

The conversation delved into the significance of virtual mentoring sessions, particularly for first-generation students. Teaching students effective interaction with industry, these sessions create a bridge, providing students access to industry insights and vice versa. The potential for enhancing the computer science curriculum through industry collaborations was also highlighted.

While building trust among stakeholders demands time and commitment, the result is a collaborative culture that propels the computing research community forward. The discussion echoed a shared recognition within the community for more collaborations between academia and industry.

CRA-I and CRA stand ready to support and promote these collaborations. For suggestions or questions, reach out to **industryinfo@cra.org**. Together, let's advance the synergy between academia and industry in computing research.

Analysis of Current and Future Computer Science Needs via Advertised Faculty Searches for 2024

By Craig E. Wills, Worcester Polytechnic Institute

Where are computer science departments choosing to invest in faculty positions for 2024?

Our new report, **Analysis of Current and Future Computer Science Needs via Advertised Faculty Searches for 2024**, uses the same methodology applied over 10 years to discern trends using data obtained from advertised tenure-track searches for the current hiring season. While the number of and areas for faculty searches does not necessarily translate into the same for faculty hires, we believe that they provide insight into current and future needs within the discipline.

We analyzed ads from 423 institutions seeking to fill 865 tenure-track faculty positions in computer science. The number of institutions is a drop from last year's record number year at this time (mid-November), but is still the second-highest number of institutions searching in the 10 years of this study. In contrast, the number of tenure-track positions being sought are at intermediate levels for the 10-year time period. The relative drop in positions being sought compared to last year's record high in positions is primarily due to a 16 percent reduction in the average number of positions being sought per each U.S. PhD-granting institution.

We clustered the specific computer science topics mentioned in ads into 16 areas. In terms of specific areas, we found that the clustered area of artificial intelligence/data mining/ machine learning accounts for 21 percent of all positions being sought, which is up from 18 percent last year and is the highest in the 10 years of our study. This increase reflects, and is a leading indicator of, the growing impact of AI on society. The clustered area of security accounts for 18 percent of all sought positions. The area of HCI/interactive media shows a significant gain over last year. Both the systems/networking and software engineering clusters dropped to a five-year low in percentage of positions being sought. Aggregating the data science, AI/DM/ML and databases clusters results in 34 percent of all hires sought in these data-oriented areas, which is a 10-year high.
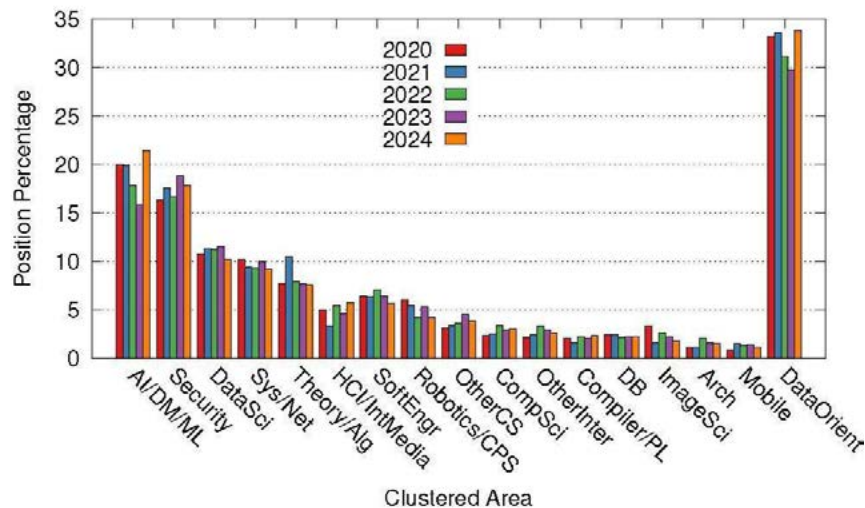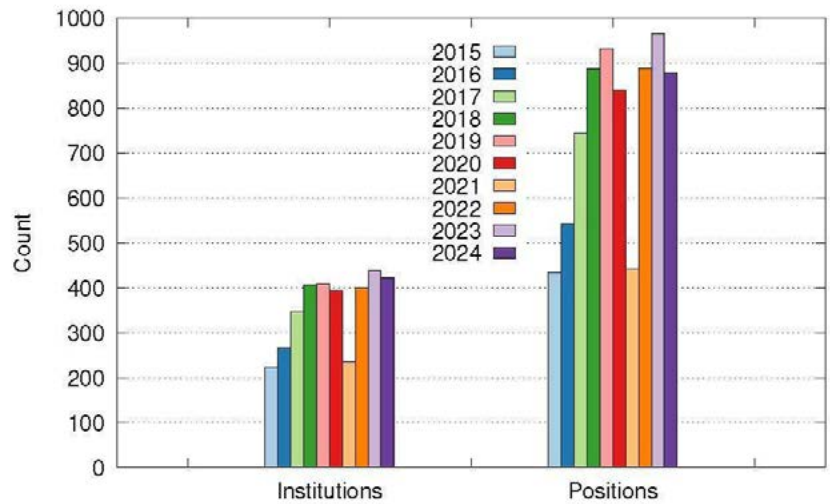
Differences are also seen when analyzing results based on the type of institution. As was the case last year, positions in the clustered area of AI/DM/ML have the highest percentages for (particularly private) PhD institutions. Again, positions related to security have the highest percentages for MS and BS/BA institutions. Security is the second-most sought area for public PhD institutions while HCI/IntMedia is the second-most sought area for private PhD institutions. AI/DM/ML is the second-most sought area for MS for BS/BA institutions.

For more, access **the full report**.

Computing Researchers Get Crash Course in Government Advocacy at CRA's Leadership in Science Policy Institute (LiSPI)

By Matt Hazenbush, Director of Communications, and Brian Mosley, Associate Director, Government Affairs

We live in a world dominated by computing. Many of the most significant problems facing the world and our country either have solutions in—or are caused by—computing. Yet, the nation's elected representatives typically have limited knowledge of the field, creating a critical need for computing experts who understand how to effectively communicate with policy makers.

The Leadership in Science Policy Institute (LiSPI), held November 16-17 in Washington, D.C. by the Computing Research Association's Computing Community Consortium (CCC), addresses this need by providing computing researchers from academia and industry with a crash course in science policy issues and the mechanics of policy making. This year, 40 computing researchers from across the country took part in the two-day event, filling to capacity the hotel ballroom where they met.

"More than ever, computing researchers need to step up and become a part of science policy discussions," said **Fred B. Schneider**, longtime LiSPI organizer and former chair of the department of computer science at Cornell University. "LiSPI gives members of the computing research community the knowledge, resources, and confidence they need in order to help shape national policy that concerns or that is affected by computing. Research funding is not the only area where computing researchers should be involved in the dialog."

Featuring presentations and discussions with science policy practitioners, including current and former Hill staff and relevant agency and administration personnel, LiSPI walks computing researchers through how the legislative process works in practice and offers firsthand insights into how to interact successfully with agencies and advisory committees, including making the case for federal research funding.

"As a part of our mission, CRA seeks to develop the next generation of leaders in the computing research community, and a big part of that is giving people the skills and tools to be effective policy advocates," said **Peter Harsha**, senior director of government affairs at the Computing Research Association. "CRA has earned a reputation for being 'the organization of record' for computing research issues in Washington, and that's in large part thanks to our growing network of experts who are willing to volunteer their time to help educate lawmakers on important computing issues."

Insights from Insiders and Experienced Advocates

This offering of LiSPI (which has been a bi-annual event) featured presentations and panel discussions from several key Washington insiders.

Matt Hourihan, associate director of R&D and advanced industry at the Federation of American Scientists (FAS), discussed the Federal budget process, including some of the challenges ahead for the community and how the current political climate is likely to impact science budgets. Later in the day, **Julia Jester**, deputy vice president for government relations and public policy at Association of American Universities (AAU) discussed how researchers can be best prepared to deliver useful input in meetings with policymakers, and **Dahlia Sokolov** and **Heather Vaughan** of the House Science, Space, and Technology Committee talked about the unique difficulties of communicating the value of research to policymakers, as well as proper protocols for Congressional interactions and follow-up.

"The practical advice provided by the program speakers was incredibly valuable because they all had real-world experiences to share that I can immediately apply in my communication efforts with both local and federal policy makers," said **Tammy Toscos**, LiSPI attendee and director of health services and informatics research at Parkview Health. "As a scientist working at the intersection of computing and healthcare, I feel an urgent call to offer information in support of legislative decisions that can positively impact the health of our communities, and LiSPI helped me feel better prepared to do so."

Participants also heard from fellow members of the computing research community who have participated in policy advocacy, including in a candid panel discussion on advisory committees with **Nadya Bliss** (Arizona State University), **Jeanna Matthews** (Clarkson University), and **Vivek Sarkar** (Georgia Tech University).

Additional panel discussions covered interacting with agencies with **Williams Scherlis** (Carnegie Mellon University), **Lynne Parker** (University of Tennessee, Knoxville), and **Susan Gergurick** (National Institutes of Health), and embedding researchers into non-research agencies with **Lorrie Cranor** (Carnegie Mellon University), **Suresh Venkatasubramanian** (Brown University), and **Stephanie Forrest** (Arizona State University).

In addition, Cornell's Schneider was joined by **Greg Hager**, professor of computer science at Johns Hopkins University, to discuss providing congressional testimony, including reviewing and discussing clips from Hager's 2015 testimony on NITRD Program.

Role Playing and Actionable Feedback

On day two, LISPI participants got the chance to put their learnings into practice through role play. Each presented an elevator pitch that they had worked on the evening before, which was then critiqued by a review panel of former congressional staffers, including CRA's Harsha, AAU's Jester, and **Kathryn Verona** of Samsung Semiconductors.

"As a computer scientist and legal scholar, the conference's role-playing exercise was a true revelation," said **Sonia Gipson Rankin**, LiSPI attendee and professor of law at the University of New Mexico School of Law. "Watching my colleagues bring forth amazing ideas vividly illuminated the legislative process. The workshop powerfully highlighted the role of researchers and scholars in influencing science policy, and this experience has inspired me to become a more effective resource for local legislatures and members of Congress, particularly in representing the needs of communities of color."

Do you want to get involved in science policy and help to shape the future of the computing research community? Get the latest updates of what's happening on the CRA Policy Blog or the CCC Blog. You can also sign up for alerts from the Friends of the Government Affairs Committee email list by sending a message to Brian Mosley (bmosley@cra.org) in the CRA Office of Government Affairs.

Arizona State University

Assistant/Associate Teaching Professor of Psychology

The School of Social and Behavioral Sciences at Arizona State University is seeking a full-time, benefits-eligible Assistant/Associate Teaching Professor of Psychology. The anticipated start date is August 2024. Preference will be given to candidates with expertise in computational cognitive science.

The goal of this position is to teach courses in support of the cognition, behavior, and information research cluster (*https://newcollege.asu.edu/cbi*), along with statistics and/or research methods. Teaching faculty typically teach 12 credits per semester (a 4/4 load), with opportunities for summer teaching. These teaching responsibilities comprise 80% of the workload, whereas service will comprise the remaining 20%.

For complete qualification/application information, see *http://apply.interfolio.com/135419*

Arizona State University

West Valley Campus

Assistant Professor and Assistant/ Associate Professor in Computer Science

The School of Mathematical and Natural Sciences at Arizona State University is seeking one Assistant Professor and one Assistant/Associate Professor in Computer Science to start in August 2024. Applicants should have a record of research in computer science, teaching undergraduate courses, and success at forging interdisciplinary collaborations. The school embraces the ideal of a fully inclusive and welcoming STEM community and seek candidates who will create a climate that attracts and supports the success of students of all races, nationalities and genders.

For complete qualification/application information, see *http://apply.interfolio.com/137427*.

Application deadline is January 15, 2024.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer.

Augustana College

Assistant Professor

Augustana College invites applications for a tenure-track assistant professor position in Computer Science beginning in August 2024.

Ideal candidates will be dedicated to high quality teaching, enthusiastic about including undergraduate students in their research, and interested in engaging diverse students inside and outside of the classroom. They will join a close-knit community of teacher-scholars who work collaboratively to educate the next generation of computer scientists. The successful candidate will enjoy teaching small classes where they get to know students individually and invest in their academic and professional success.

Read the full position description and apply at: *https://augustana.interviewexchange.com/jobofferdetails.jsp?JOBID=168350*

Binghamton University

Department of Computer Science

Lecturer

The Department of Computer Science, located within the Thomas J. Watson College of Engineering at Binghamton University invites applications for a full-time lecturer appointment to contribute to the newly established Information Systems program. The successful candidate will teach required and elective graduate courses in the Information Systems program in both laboratory and lecture settings. Courses will focus on Applied Data Science/Analytics, Cybersecurity, and Web-Based Information Systems.

Binghamton University is one of four research universities in the State University of New York System and an R1 research institute. The Computer Science Department has well established computer science Ph.D. and M.S. programs, an accredited B.S. program, and an M.S. program in Information Systems.

Applicants with a Ph.D. degree in Information Systems, Computer Science, or a related field by appointment date, are strongly preferred. Applicants with a master's degree, along with significant industrial experience in Information Systems, Computer Science, or a closely related field, with additional professional

certifications, will also be considered. Applicants must demonstrate the ability to teach effectively.

Apply here: *http://binghamton. interviewexchange.com/jobofferdetails. jsp?JOBID=169222*

Boise State University

Tenure-Track Assistant Professor, Cybersecurity

The Department of Computer Science at Boise State University invites applications for a tenure-track faculty position at Assistant rank. Seeking an applicant in cybersecurity (especially candidates in the area of cybersecurity for cloud computing, operating systems, networking, etc.). Strong candidates in other areas of Computer Science will also be considered.

Responsibilities include teaching undergraduate and graduate courses, developing a strong research program funded by external sources, supporting and mentoring undergraduate and graduate students, and providing service to the University and the profession along with other activities typical for a tenure-track faculty. Candidates will start fall 2024.

A PhD in computer science, or a closely related field, is required by the date of hire. Applicants should demonstrate potential for establishing a record of excellence in teaching, significant contributions in research, and experience in collaborating with faculty or industry to develop and sustain funded research programs.

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

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

Please visit *https://jobs.boisestate. edu/en-us/job/497860/assistant-professor-cybersecurity* to submit a cover letter addressed to the CS Search Committee indicating your interests and qualifications for this position, a CV that includes employment history, and statements of research and teaching interests. Provide three professional references with contact information.

Boise State University

Tenure-Track Assistant Professor, Systems

The Department of Computer Science at Boise State University invites applications for a tenure-track/tenured faculty position at Assistant Professor rank. Seeking an applicant with focus on systems in one or more of a wide range of areas and topics including high-performance computing, compilers, operating systems, distributed computing, embedded software and systems, hardware software codesign of ultra-scale systems, and programming languages. The potential to collaborate across multi-disciplinary research at Micron is a plus. Micron is headquartered in Boise and has their main R&D operations located in Boise. Strong candidates in other areas of Computer Science will also be considered as long as they have interest in teaching some systems courses.

Responsibilities include teaching undergraduate and graduate courses, developing a strong research program funded by external sources, supporting and mentoring undergraduate and graduate students, and providing service to the University and the profession along with other activities typical for a tenure-track faculty. Candidates will start fall 2024.

A PhD in computer science, or a closely related field, is required by the date of hire. Applicants should demonstrate potential for establishing a record of excellence in teaching, significant contributions in research, and experience in collaborating with faculty or industry to develop and sustain funded research programs.

Review of applications will begin on October 23 and will continue until the position is filled.

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

grants and six NSF CAREER awards in the last seven years.

Please visit *https://jobs.boisestate.edu/ en-us/job/497875/assistant-professor- systems* to submit a cover letter addressed to the CS Systems Search Committee indicating your interests and qualifications for this position, a CV that includes employment history, and statements of research and teaching interests. Provide three professional references with contact information.

Bowdoin College

Visiting Assistant Professor of Computer Science

The Computer Science Department at Bowdoin College seeks a full-time, benefits-eligible, visiting assistant professor beginning July 1, 2024. Possible second year after review. Open to all areas of computer science. Two courses per semester.

Review of applications begins January 22, 2024.

See full description and apply at *https://careers.bowdoin.edu.*

Bowdoin College complies with applicable provisions of federal and state laws that prohibit unlawful discrimination in employment, admission, or access to its educational or extracurricular programs, activities, or facilities. Visit our website: *http://www.bowdoin.edu* for more information.

Brandeis University

Assistant Professor in Computational Linguistics

The Department of Computer Science at Brandeis University invites applications for a tenure-track assistant professor in computational linguistics, beginning Fall 2024. Qualifications required of all applicants include a Ph.D., in hand by Fall 2024, in Computer Science or a related discipline, a strong research record, and a commitment to teaching at the undergraduate and graduate levels. Particular attention will be given to candidates pursuing research in the broad area of speech, dialogue, or multimodal language processing.

For more information, see: *https:// academicjobsonline.org/ajo/jobs/25467.*

Brandeis University

Chair of the Department of Computer Science

The School of Arts and Science at Brandeis University invites nominations and applications for the Chair of the Department of Computer Science. The Department seeks a dynamic research leader and innovative educator with creative vision and an outstanding record of achievement to take a department moving in a new direction to the top ranks.

The successful candidate will have an exemplary record of leadership and scholarly achievements. It is expected that candidates for this position will have an earned doctorate in computer science or related field, and a level of stature in a field sufficient at a minimum to merit appointment with tenure at the rank of Professor in a strong Computer Science program.

For more information: *https:// academicjobsonline.org/ajo/jobs/24962*

Brandeis University

Open-Rank Teaching Faculty Appointment(s) in Computer Science

The Computer Science Department at Brandeis University invites applications for a full-time teaching faculty position. Faculty rank is open, and will depend on experience and qualifications; the position is outside the tenure structure and starts in the Spring or Fall 2024. The position will have an initial appointment of up to three years and the potential for renewal.

We seek candidates to teach a wide range of core computer science courses, as well as upper-level and graduate electives depending on their expertise and department needs. We are particularly interested in candidates with interest to teach algorithms, theory of computation, programming languages, computer networks and security as well as interested in teaching electives related to those areas of computer science. The successful candidate must be committed to excellence in undergraduate teaching and is expected to participate fully in the academic life of the department, including advising, participating in faculty meetings, supporting undergraduate and graduate research and other activities

relevant to our teaching and research mission of Brandeis.

To learn more: *https://academicjobsonline.org/ajo/jobs/23170*

Brown University

Tenure-Track Assistant Professor, Architecture & Databases

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

For this search, we are specifically interested in candidates whose research focus is in architecture and database systems, including but not limited to:

- Architecture: hardware-software codesign, non-traditional architectures, energy-efficient architectures, and related areas.
- Database systems: data platforms on modern and emerging hardware, data systems for machine learning and artificial intelligence, as well as the applications of machine learning in data systems, and distributed, parallel and cloud-based data management and engineering.

For other searches, see the faculty positions page on our department's website.

Applicants must have completed all requirements for the doctoral degree by the start of the position. The initial appointment as assistant professor is for four years and is renewable. Applicants should submit the following materials on the application website (*http://apply.interfolio.com/134965*): (1) cover letter; (2) CV; (3) research statement; (4) teaching statement; and (5) diversity statement. Applicants should also arrange for three or four letters of reference to be submitted through the application website. The diversity statement should summarize past and planned contributions by the candidate to diversity and inclusion. These contributions may arise from research, teaching/mentoring, outreach, lived experience, or other activities.

We welcome applications from and will try to accommodate the needs of dual-career couples.

We ask candidates and their references to submit complete applications by December 1, 2023, for full consideration; soon after that, we will stop considering new applications and start making initial invitations for interviews. Applicants who would like confidentiality should explicitly mention this desire in the first paragraph of their cover letters. Inquiries may be addressed to: *faculty_search_2024@lists.cs.brown.edu*

The department strives to build a diverse and inclusive environment for all members of our community and is particularly interested in candidates whose experience, teaching, service, or scholarship can further these efforts. Our department's vision and plan for diversity fit within Brown's broader commitment. We are pursuing a major expansion of our faculty roster in the near term. While many of these positions will strengthen and expand core and emerging CS areas, some will be used to build bridges with other campus disciplines to facilitate interdisciplinary research and teaching. As a part of our growth plan, we also emphasize socially responsible computing throughout our curriculum and research.

The department has 33 tenured and tenure-track faculty, 16 teaching faculty, 2 research faculty, and 26 affiliated and visiting faculty. In addition to its strong doctoral and Master's programs, the department has a thriving undergraduate culture/, anchored by its flagship endowed program for undergraduate teaching assistants and research assistants. Department members frequently take advantage of Brown's interdisciplinary culture via collaborations with numerous other Brown units. CS has a strong partnership with major university-wide institutes and centers, including the Data Science Institute, the Center for Computational Molecular Biology, the Watson Institute for International and Public Affairs, the Carney Institute for Brain Science, and the recently launched Center for Technology Responsibility.

Brown University is located in Providence, RI, 50 miles from Boston and 175 miles from New York City, both accessible via frequent rail service, and close to Narragansett Bay. Providence is consistently rated among the Northeast's most livable cities and is home to diverse intellectual, artistic, and business communities.

Brown University is committed to fostering a diverse, inclusive, and global academic community. As an EEO/AA

employer, Brown considers applicants for employment without discrimination on the basis of gender, race, protected veteran status, disability, or any other legally protected status.

Brown University

Tenure-Track Assistant Professor, Computer Systems

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

For this search, we are specifically interested in candidates whose research focus is in core computer systems, including, but not limited to:

- Operating systems and virtualization,
- Parallel and distributed systems,
- Computer networking and cloud computing,
- File and storage systems,
- Monitoring and management of complex systems,
- Reliable and fault-tolerant systems, and
- Verification applied to systems.

For other searches, see the faculty positions page on our department's website.

Applicants must have completed all requirements for the doctoral degree by the start of the position. The initial appointment as assistant professor is for four years and is renewable. Applicants

should submit the following materials on the application website (*http://apply.interfolio.com/135118*) (1) cover letter; (2) CV; (3) research statement; (4) teaching statement; and (5) diversity statement. Applicants should also arrange for three or four letters of reference to be submitted through the application website. The diversity statement should summarize past and planned contributions by the candidate to diversity and inclusion. These contributions may arise from research, teaching/mentoring, outreach, lived experience, or other activities.

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Brown University

Tenure-Track Assistant Professor, Interdisciplinary Science and Technology

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

For this search, we are specifically interested in candidates doing interdisciplinary research, with experience in both computer science and another area of interest. The interdisciplinary combinations we are seeking are one of:

- Artificial intelligence for scientific discovery, with a focus on health/medicine

- Quantum computing

- Sociotechnical systems, the intermeshing of digital technology, people, and society that control and shape how we live and thrive

For other searches, see the faculty positions page on our department's website.

Applicants must have completed all requirements for the doctoral degree by the start of the position. The initial appointment as assistant professor is for four years and is renewable. Applicants should submit the following materials on the application website (*http://apply. interfolio.com/135124*): (1) cover letter; (2) CV; (3) research statement; (4) teaching statement; and (5) diversity statement. Applicants should also arrange for three or four letters of reference to be submitted through the application website. The diversity statement should summarize past and planned contributions by the candidate to diversity and inclusion. These contributions may arise from research, teaching/mentoring, outreach, lived experience, or other activities.

We welcome applications from and will try to accommodate the needs of dual-career couples.

We ask candidates and their references to submit complete applications by December 1, 2023, for full consideration; soon after that, we will stop considering new applications and start making initial invitations for interviews. Applicants who would like confidentiality should explicitly mention this desire in the first paragraph of their cover letters. Inquiries may be addressed to: *faculty_search_2024@lists.cs.brown.edu*

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status, disability, or any other legally protected status.

Brown University

Tenure-Track Assistant Professor, Visual Computing & CS Education

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

For this search, we are specifically interested in candidates whose research focus is in visual computing (i.e., areas related to computer graphics and computer vision) or CS education, including, but not limited to:

- Geometry processing, including connections to simulation & animation and to geometric data processing applications outside of core visual computing.

- Rendering, with emphasis on inverse rendering, differentiable rendering, and more general differentiable programming systems for inverse problems in visual computing.

- Visual computing systems, including graphics hardware architectures and domain-specific programming languages for visual computing tasks.

- Computing education, with an emphasis on programming systems and computing beyond CS1.

For other searches, see the faculty positions page on our department's website.

Applicants must have completed all requirements for the doctoral degree by the start of the position. The initial appointment as assistant professor is for four years and is renewable. Applicants should submit the following materials on the application website (*http://apply.interfolio.com/135116*): (1) cover letter; (2) CV; (3) research statement; (4) teaching statement; and (5) diversity statement. Applicants should also arrange for three or four letters of reference to be submitted through the application website. The diversity statement should summarize past and planned contributions by the candidate to diversity and inclusion. These contributions may arise from research, teaching/mentoring, outreach, lived experience, or other activities.

We welcome applications from and will try to accommodate the needs of dual-career couples.

We ask candidates and their references to submit complete applications by December 1, 2023, for full consideration; soon after that, we will stop considering new applications and start making initial invitations for interviews. Applicants who would like confidentiality should explicitly mention this desire in the first paragraph of their cover letters. Inquiries may be addressed to: *faculty_search_2024@lists.cs.brown.edu*

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Bucknell University

Open Rank Tenure-Track Position in Computer Science

The Computer Science Department at Bucknell University invites applications for an open-rank tenure-track position starting in August 2024. We seek candidates with the potential to effectively teach computer science courses throughout the curriculum and to contribute an elective in their area of interest. Candidates whose scholarship is in any area of computer science or a closely related field should apply. We are looking for candidates who have an active intellectual life that they wish to share with the Bucknell community, and we strongly encourage candidates from groups underrepresented in higher education to apply. Bucknell is a highly selective primarily undergraduate university with a strong commitment to the intellectual freedom and broad experience of a residential liberal arts education. We emphasize student-centered education and support faculty in developing and maintaining active research programs that engage undergraduate students. Our department is very collegial and collaborative, and we look forward to welcoming, supporting, and mentoring new colleagues in all aspects of their responsibilities.

Visit the *website* to review the full description and apply.

California Polytechnic State University

Assistant Professor - Computer Science and Software Engineering

The Computer Science and Software Engineering Department within the College of Engineering invites applications for multiple full-time, tenure-track Computer Science faculty positions at the Assistant Professor rank beginning Fall 2024.

Cal Poly's Computer Science and Software Engineering Department is committed to close student-faculty interaction in small classes and in developing software in real-world projects, embodying Cal Poly's Learn by Doing philosophy; is committed to a supportive, welcoming environment that enables students to succeed; and is committed to fostering a vibrant and inclusive community of students, faculty, and staff with diverse backgrounds and lived experiences.

Salary is commensurate with qualifications and experience. Qualified candidates with industry experience are encouraged to apply. Anticipated hiring range: $100,000 – $112,000 per year.

Contact recruitment committee chair Maria Pantoja (*mpanto01@calpoly.edu*).

California State University Long Beach

Assistant Professor Of Computer Science (2 Positions)

The Computer Engineering and Computer Science Department at California State University Long Beach (CSULB) has tenure-track faculty opening for two positions with a start date of August 19, 2024. All areas of computing will be considered. However, preference will be given to candidates with strong background in either areas of **Data Science, Artificial Intelligence, Natural Language Processing, Computer Vision, Computer Security, or Software Engineering,** or other closely related fields.

CSULB seeks to recruit faculty who enthusiastically support the University's strong commitment to the academic success of all of our students, including students of color, students with disabilities, students who are first generation to college, veterans, students with diverse socio-economic backgrounds, and students of diverse sexual orientations and gender expressions. CSULB seeks to recruit and retain a diverse workforce as a reflection of our commitment to serve the People of California, to maintain the excellence of the University, and to offer our students a rich variety of expertise, perspectives, and ways of knowing and learning.

Applications can be submitted via PageUp using the below link:

https://careers.pageuppeople.com/873/lb/en-us/job/532931/assistant-professor-of-computer-science-2-positions

California State University, Northridge

Assistant Professor - Generalist (3 positions)

The Department of Computer Science at California State University, Northridge (CSUN) is seeking a tenure-track faculty member at the rank of assistant professor, preferably in at least one of a series of specializations.

The successful candidate will teach a variety of courses at both the undergraduate and graduate levels, and have research interests in Cloud Computing, Big Data Management, Cybersecurity, Network Architecture, Dev-Ops, Operating Systems, Theoretical Computer Science, Computer Graphics, Virtual Reality/Augmented Reality, Software Engineering, Database Systems, or Algorithms.

In addition to teaching, the position requires weekly office hours, attending faculty meetings, participation in assessment of student learning, and service to the department, college, and university. The successful candidate will be held to the standards and requirements of the college and department in which he/she/they is/are housed for recommending tenure and promotion. Given CSUN's commitment to excellence in teaching, research, and engagement in a diverse environment, the successful candidate will help the Department achieve equitable academic outcomes for all students through teaching, student mentorship, scholarship, and service.

Faculty Hire Number: #24-03

Screening of applications will begin September 27, 2023

For a full job description and to apply, please visit: *https://careers. pageuppeople.com/873/nr/en-us/ job/530070/assistant-professor- generalist-computer-science-2403*

California State University, Northridge

Assistant Professor - Data Science (2 positions)

The Department of Computer Science at California State University, Northridge (CSUN) is seeking a tenure-track faculty member at the rank of assistant professor, with a specialization in data science.

The successful candidate will teach primarily data science courses at both the undergraduate and graduate levels, and have research interests in Computational Data Science, Machine Learning, or Natural Language Processing.

In addition to teaching, the position requires weekly office hours, attending faculty meetings, participation in assessment of student learning, and service to the department, college, and university. The successful candidate will be held to the standards and requirements of the college and department in which he/she/they is/are housed for recommending tenure and promotion. Given CSUN's commitment to excellence in teaching, research, and engagement in a diverse environment, the successful candidate will help the Department achieve equitable academic outcomes for all students through teaching, student mentorship, scholarship, and service.

Faculty Hire Number: #24-04

Screening of applications will begin September 27, 2023.

For a full job description and to apply, please visit: *https://careers.pageuppeople.com/873/nr/en-us/job/530073/assistant-professor-data-science-computer-science-2404*.

Carnegie Mellon University

Associate Director and Director of Academic Affairs

Carnegie Mellon University is seeking a leader to serve as the Associate Director and Director of Academic Affairs in the Information Networking Institute. Based in CMU's main campus in Pittsburgh, PA, the position will work closely with the INI director and oversee academic affairs, including academic programs, curriculum development, student advising, program assessments and student surveys, and new initiatives in collaboration with the INI director.

The INI offers graduate degree programs in information networking, information security, mobile and IoT engineering, and artificial intelligence engineering that are taught at CMU's Pittsburgh and Silicon Valley campuses.

CMU is an equal opportunity employer and is committed to increasing the diversity of its community on a range of intellectual and cultural dimensions.

QUALIFICATIONS

Doctorate in computer engineering, electrical engineering, computer science or closely related fields is preferred, or equivalent combination of advanced degree in the listed fields with strong teaching background, relevant industry experience and/or tech entrepreneurship, and other related qualifications.

TO APPLY

The full position profile is available on the Isaacson, Miller website at: *https://www.imsearch.com/open-searches/carnegie-mellon-university-college-engineering-information-networking-institute*. Nominations, inquiries, and applications can also be submitted through the website at: *https://www.imsearch.com/open-searches/carnegie-mellon-university-college-engineering-information-networking-institute*. Carnegie Mellon University has retained Isaacson, Miller, a national executive search firm, to assist in this search.

Carnegie Mellon University in Qatar

Faculty Positions in Computer Science and Computational Biology

Carnegie Mellon University in Qatar invites applications for CMU teaching-track faculty positions, in Computer Science, in Computational Biology, and in Human-Computer Interaction to begin in Fall 2024. All appointments are at the level of assistant professor, but applicants with significant experience in teaching and major impact in CS research and education may also be considered for a higher level.

Candidates must have a Ph.D. in Computer Science, Computational Biology, Human-Computer Interaction or related field.

Review of complete applications will commence on Oct. 15, 2023 or until the position is filled.

More information can be found at, and applications can be submitted through Interfolio: *http://apply.interfolio.com/131822*.

Case Western Reserve University

Faculty Positions in Computer and Data Sciences

The Department of Computer and Data Sciences in the Case School of Engineering at Case Western Reserve University (CWRU) invites applications for two tenure track and two non- tenure track faculty positions.

The tenure track search prioritizes Assistant and Associate Professor candidates in Artificial Intelligence, Machine Learning, Data Science, Cybersecurity, and related areas. Candidates with collaborative research programs in applied areas of Computer and Data Sciences are encouraged to apply. The non-tenure track search prioritizes candidates with a strong interest in teaching and student advising. However, we will consider exceptional candidates for both tenure and non-tenure track positions at all ranks and in all areas of Computer and Data Sciences.

The Department of Computer and Data Sciences was formed in 2019 out of the Department of Electrical Engineering and Computer Science, with the vision that computing and data sciences will play a

central role in interdisciplinary research and education throughout the university.

For more information and to submit an application, please visit *https://engineering.case.edu/computer-and-data-sciences/employment*

CWRU provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should call 216-368-3066.

College of Charleston

Two Tenure-track Openings: Assistant Professor of Computer Science & Associate Professor of Software Engineering

The Computer Science Department at the College of Charleston invites applications for a tenure-track Assistant Professor position starting in August 2024 as well as a tenure-track Associate Professor of Software Engineering position in August 2024.

The rapidly-growing Computer Science department (*http://cs.cofc.edu*) has over 540 students who are enrolled in six undergraduate degree programs and two master's programs.

For the 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 successful applicant will demonstrate excellent communication skills, collegiality, and a passion for teaching. Preference for this position will be given to candidates who are eager to teach courses related to operating systems, architecture, artificial intelligence, or data science.

For the associate professor appointment, the successful candidate must have an active research program and successful publication record. The successful candidate will provide leadership to a new Software Engineering bachelors program and mentor undergraduate and graduate students. An earned Ph.D. degree in Computer Science or closely related field is required before the start date. Preference for this position will be given to candidates who are eager to teach courses related to operating systems, architecture, artificial intelligence, or data science. The successful applicant will demonstrate excellent communication skills, collegiality, and a passion for teaching. Preference for this position will be given to candidates who have research and teaching experience in the area of software engineering.

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

College of Charleston

Instructor of Computer Science

The Computer Science Department at the College of Charleston invites applications for one instructor position starting August 2024.

The rapidly-growing Computer Science department (*http://cs.cofc.edu*) has over 540 students who are enrolled in five undergraduate degree programs and two master's programs.

The successful candidate will demonstrate excellent communication skills, collegiality, and a passion for teaching. This position is primarily a teaching appointment with four course/lab sections per semester, which will also require professional development and service activities. Candidates with expertise in all areas of computer science are sought to support our undergraduate programs in Computer Science, Computing in the Arts, Computer Information Systems, and Data Science. An earned Master's or Ph.D. degree in Computer Science or a closely related field is required before August 15, 2024.

Apply online at *https://jobs.cofc.edu*. Applications must include a cover letter (at most three pages in length) which describes teaching, a CV, unofficial undergraduate and graduate transcripts, and contact information for three references who may be contacted to submit reference letters online. Review of applications begins immediately and will continue until the position is filled. Please direct questions to Professor Christine Moore, chair of the search committee, *moorec@cofc.edu*.

The College of Charleston is a nationally recognized public liberal arts and sciences university located in the heart of historic Charleston, SC. Since our founding in 1770, we have maintained a strong liberal arts curriculum. The university encompasses the unusual combination of an exceptional faculty, historic campus, coastal location, modern facilities and cutting-edge programs. The student body numbers approximately 10,000 in undergraduate and graduate programs combined.

Colorado School of Mines

Department of Computer Science

Faculty Positions Available

The Department of Computer Science at Colorado School of Mines (CS@Mines) invites applications for tenured/tenure track and teaching faculty!

T/TT Faculty: CS@Mines has multiple tenured/tenure-track faculty positions available. We are especially interested in candidates with research specialization in one or more of the following areas: (1) machine learning and AI, (2) systems, and 3) Quantum Computing. Mines is offering an academic year salary range of $105,000 – $180,000.

For full details, see: *https://mines. wd1.myworkdayjobs.com/en-US/ Mines_Careers/details/Tenured-Tenure-Track-Faculty-Positions--Department-of-Computer-Science_JR102131*.

Teaching Faculty: CS@Mines is looking for passionate instructors to teach a variety of computer science core and elective courses. Candidates should also plan to support departmental diversity, equity, and inclusion efforts, coordinate multi-section courses, and participate in curriculum innovations and improvements. Mines is offering an academic year salary range of $86,000 – $110,000.

For full details, see: *https://mines. wd1.myworkdayjobs.com/en-US/ Mines_Careers/details/Teaching-Faculty--Department-of-Computer-Science_JR102129*.

Evaluation of applicants will begin on October 1st and will be ongoing until the positions are filled. Contact *recruitment@ mines.edu* with any questions.

Colorado State University

Computer Science Scholar - Open Pool

The Computer Science Scholar program at the Department of Computer Science at Colorado State University seeks applications for the 2023-2024 academic year from individuals who are interested in obtaining teaching and research experience, with mentoring, in preparation for seeking a tenure-track position. Open positions may be temporary or special assignment and are non-tenure track. Annual terms and reappointment may depend on performance and/or funding availability.

To read the full job announcement and apply to the open pool see *https://jobs. colostate.edu/postings/125695*.

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

Colorado State University

Associate Professor in Computer Science

The Department of Computer Science at Colorado State University (CSU) invites applications for a tenure-track position at the level of Associate Professor beginning in Fall 2024. The successful candidate must demonstrate potential for excellence in research, teaching and service that is consistent with a Carnegie R1 university. The candidate must either (1) hold or have held a position as a tenured Associate professor in Computer Science or a related field; or (2) have an appointment letter showing that they will hold a position as a tenured Associate professor in Computer Science or related field by August 2024; or (3) hold an adjunct or research non-tenure track professorship at the level of Associate Professor in Computer Science or related field.

To see the complete posting and to apply, please visit: *https://jobs. colostate.edu/postings/135715*

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

Columbia University

Assistant Professor or Associate Professor in Computer Science

Position Description

Columbia Engineering invites applications for multiple junior faculty positions in the Department of Computer Science at Columbia University in the City of New York at the tenure-track assistant professor or associate professor level, to

begin July 1, 2024. Applications are sought in all areas of computer science.

Qualifications

Candidates must have a Ph.D. or its professional equivalent by the starting date of the appointment. Applicants for this position must demonstrate the potential to do pioneering research and to teach effectively.

The successful candidate is expected to contribute to the advancement of their field and the department by developing an original and leading externally funded research program, and by contributing to the undergraduate and graduate educational mission of the Department. The Department is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

Application Instructions

Applications should be submitted electronically to *http://apply.interfolio. com/135303* and include the following: a curriculum vitae including a publication list, a research statement including a description of research accomplishments, a statement of teaching interests and plans, a statement addressing contributions to diversity, contact information for three experts who can provide letters of recommendation, and up to three pre/reprints of scholarly work.

Review of applications will begin on December 1, 2023 and will continue until the position is filled.

Hiring Salary Range

Assistant Professor: $108K-$138K; Associate Professor: $113K-$159K

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

Columbia University

Lecturer in Discipline or Senior Lecturer in Discipline in Computer Science (with Data Science focus)

Position Description

The Department of Computer Science at Columbia University in the City of New York invites applications for faculty at the rank of Lecturer in Discipline or Senior Lecturer in Discipline with a focus on Data Science beginning in the 2024-25 academic year. Lecturers in Discipline are full-time non-tenure-track faculty members whose primary responsibility is teaching. Lecturers in the department enjoy voting rights at faculty meetings, serve on department committees, and earn a Dean's Leave on a timeline similar to that of tenure-track faculty. The Department of Computer Science is committed to hiring outstanding teachers to support the growing needs of its exceptionally strong undergraduate and graduate programs. Teaching responsibilities will center on courses in the Master of Data Science program, with a typical teaching load of two courses per semester.

The MS in Data Science program is one of the most highly regarded and sought-after data science programs in the world. This program is jointly offered in a collaboration between the Data Science Institute and the Departments of Computer Science, Statistics, and Industrial Engineering and Operations Research.

Qualifications

Candidates must have a PhD or its professional equivalent by the starting date of the appointment. Candidates at the rank of Lecturer in Discipline are expected to have teaching experience, documented evidence of pedagogical excellence, and evidence of professional growth and activity in the given field. Candidates at the rank of Senior Lecturer in Discipline are expected to have substantial experience and accomplishments, a superlative record of teaching as a lecturer, and documented evidence of pedagogical excellence in carrying out administrative or other department responsibilities.

Application Instructions

Applications should be submitted electronically at *http://apply.interfolio. com/135141* and include the following: a cover letter, current CV, teaching statement, brief summary of research, and three letters of recommendation. At least two of the letters of recommendation must address teaching ability. Applicants are also encouraged to submit a statement addressing contributions to diversity initiatives, if applicable.

To ensure full consideration, applications must be submitted by December 15, 2023. Review of applications will begin on November 27, 2023.

Hiring Salary Range

Lecturer in Discipline: 97K - 123K; Senior Lecturer in Discipline: 123K - 156K

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

Columbia University

Lecturer in Discipline or Senior Lecturer in Discipline in Computer Science

Position Description

The Department of Computer Science at Columbia University in the City of New York invites applications for faculty at the rank of Lecturer in Discipline or Senior Lecturer in Discipline beginning in the 2024-25 academic year. Lecturers in Discipline are full-time non-tenure-track faculty members whose primary responsibility is teaching. Lecturers in the department enjoy voting rights at faculty meetings, serve on department committees, and earn a Dean's Leave on a timeline similar to that of tenure-track faculty. The Department of Computer Science is committed to hiring outstanding teachers to support the growing needs of its exceptionally strong undergraduate and graduate programs. Teaching responsibilities for lecturers include courses throughout the computer science curriculum, from introductory to graduate level courses, with a typical teaching load of two courses per semester.

Qualifications

Candidates must have a PhD or its professional equivalent by the starting date of the appointment. Candidates at the rank of Lecturer in Discipline are expected to have teaching experience, documented evidence of pedagogical excellence, and evidence of professional growth and activity in the given field. Candidates at the rank of Senior Lecturer in Discipline are expected to have substantial experience and accomplishments, a superlative record of teaching as a lecturer, and documented evidence of pedagogical excellence in carrying out administrative or other department responsibilities.

Application Instructions

Applications should be submitted electronically to *http://apply.interfolio.com/135142* and include the following: a cover letter, current CV, teaching statement, brief summary of research, and three letters of recommendation. At least two of the letters of recommendation must address teaching ability. Applicants are also encouraged to submit a statement addressing contributions to diversity initiatives, if applicable.

To ensure full consideration, applications must be submitted by December 15, 2023.

Cornell Bowers CIS — Information Science

Cornell Information Science is Hiring!

LECTURERS AND SENIOR LECTURERS
Ithaca, NY campus

Welcoming applicants specializing in...

- Web Programming and Design
- Application Development
- Information Visualization
- Human-Computer Interaction
- Data Science
- Network Science
- Ethics, Law, and Policy

TO APPLY, VISIT
academicjobsonline.org/ajo/jobs/25658

Application deadline: November 1, 2023
Questions? fac_recruit@infosci.cornell.edu

Cornell Bowers CIS — Information Science

Cornell Information Science is Hiring!

TENURE–TRACK AND TENURED FACULTY
Ithaca, NY campus

Welcoming applicants specializing in all areas and those specializing in…

Human-AI Interaction

TO APPLY, VISIT
academicjobsonline.org/ajo/jobs/25656
Application deadline: December 1, 2023
Questions? fac_recruit@infosci.cornell.edu

Review of applications will begin on November 27, 2023.

Hiring Salary Range

Lecturer in Discipline: 97K-123K; Senior Lecturer in Discipline: 123K-156K

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

DePaul University

Multiple Tenure-line Faculty Positions in Computing

The School of Computing at DePaul University invites applications for multiple tenure-track positions at the level of assistant or associate professor. We are particularly interested in candidates in core AI (e.g., AI foundation models, machine learning, natural language processing, responsible AI), cybersecurity (e.g., forensics, cloud security, usable security, human-centered cybersecurity), information systems (e.g., process modeling, enterprise cloud computing, BI systems), computer systems (e.g., cloud computing, virtualization, data-intensive systems), and software engineering: (e.g., software design and architecture, quality assurance and testing, software safety and security, agile and DevOps methodologies).

The School of Computing includes over 74 full-time faculty and more than 3,600 undergraduate and graduate students. We offer a PhD program, 12 master's degrees, and 9 bachelor's degrees. The School of Computing is committed to providing a flexible and supportive environment for its faculty, promoting a rewarding academic

Applications Due 1.17.2024

DEPARTMENT OF ENERGY COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP

The Department of Energy Computational Science Graduate Fellowship (**DOE CSGF**) provides up to four years of financial support for students pursuing doctoral degrees in fields that use high-performance computing to solve complex problems in science, engineering and mathematics. **Learn more at www.krellinst.org/csgf.**

career with a balance between teaching and research. Located in the heart of Chicago's vibrant downtown, it offers vast opportunities to forge relationships with industry, national laboratories, universities, and other organizations in the Chicago area.

The School of Computing has several centers of excellence, including Big Data, Cloud Infrastructure, and High-Performance Computing; Visual Computing, Medical Informatics, and Bioinformatics; Web Intelligence and Recommender Systems; Computing Education; Interactive Machine Learning; Cybersecurity and Adversarial Machine Learning; Computational Geometry and Topology; Next Generation Networks; Rehabilitation Robotics; and Semantics. Over the last decade, the school faculty have secured more than $13.4M in NSF

funding and consistently publish in selective conferences. The culture within the school emphasizes high-impact and high-quality research, rather than placing pressure on faculty to secure external funding or publish many papers. Nonetheless, the university provides extensive support for external funding, as well as a robust internal research grants program, including PhD stipends, graduate assistantships and course releases.

DePaul draws students of many backgrounds and cultures in a diverse urban setting. We are interested in recruiting and maintaining a diverse faculty. Members of all underrepresented groups, women, veterans, and persons with disabilities are invited and encouraged to apply. DePaul University offers equal employment opportunities to all persons in accordance with applicable

federal, state, and local EEO laws. Positions are contingent upon available budgetary resources.

Qualifications

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

Application Instructions

Apply at *https://apply.interfolio.com/135229*

Review of applications will begin on November 5, 2023 and continue until the positions are filled.

The application must include: a curriculum vitae; at least three letters of recommendation; a research statement, highlighting both current and future directions of research; a teaching statement; and a diversity statement, addressing the candidate's values, experiences and future plans concerning diversity, equity, and inclusion.

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

DePaul University

Non-Tenure Track Faculty position in Computer Science

The School of Computing at DePaul University invites applications for a full-time non-tenure-track faculty position in Computer Science. The faculty appointment is with full benefits and renewable contingent upon satisfactory performance.

We seek candidates with a commitment to high-quality teaching. The candidate will have additional responsibilities including curriculum development and other service to the School.

The School of Computing includes over 74 full-time faculty and more than 3,600 undergraduate and graduate students. We offer a PhD program, 12 master's degrees, and 9 bachelor's degrees. The School of Computing is committed to providing a flexible and supportive environment for its faculty, promoting a rewarding academic career with a balance between teaching and research. Located in the heart of Chicago's vibrant downtown, it offers vast opportunities to forge relationships with industry, national laboratories, universities, and other organizations in the Chicago area.

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

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

Required Qualifications:

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

Application Instructions:

Apply at *https://apply.interfolio.com/127341*

Review of applications will begin on November 5, 2023 and continue until the positions are filled.

The application must include: a curriculum vitae; at least three letters of recommendation; a teaching statement; and a diversity statement, addressing the candidate's values, experiences and future plans concerning diversity, equity, and inclusion.

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

Drexel University

Assistant/Associate Teaching Professor

Drexel University Department of Computer Science invites applications for full-time teaching faculty positions in all areas of Computer Science with an emphasis on Computer Science Education, Theory, Algorithms, System Architecture, and Introductory Programming.

Candidates for the position should have a master's degree or higher in Computer Science or related field; relevant industry experience is also desirable. Candidates will be expected to teach courses in their specialty in addition to introductory courses and courses in the core curriculum. Excellence in teaching and teaching innovation and dedication to working with students is essential. Interest in course and curriculum development and online teaching is desired.

Please apply using the following link: *http://careers.drexel.edu/cw/en-us/job/502406?lApplicationSubSourceID=*

Duke University

AI/ML/NLP Tenure-Track or Tenured Faculty Position in Computer Science

The Department of Computer Science at Duke University is seeking applicants for multiple faculty position at all ranks in Artificial Intelligence, Machine Learning, and Natural Language Processing: Ideal candidates will have expertise on the algorithmic and mathematical foundations of these areas, on the study of human factors related to them, or on their applications.

Candidates are expected to have a doctoral degree in computer science or a related field. A successful candidate at the full professor level is expected to take a significant departmental and university leadership role in strengthening the important strategic areas listed above.

Applicants should submit their materials (cover letter, curriculum vitae, research statement, teaching statement, contacts for at least three references) electronically through AcademicJobsOnline (*https://academicjobsonline.org/ajo/jobs/26389*) and solicit letters of reference.

For full consideration, applications and references should be received by December 15, 2023.

Duke is committed to further enhancing the diversity of its faculty and students. We seek faculty members who are also committed to building a diverse and inclusive community. We strongly encourage applications from women and underrepresented minorities in computing. Please see *www.cs.duke.edu* and *www.faculty.duke.edu* for information about the Department and advantages that Duke offers to faculty.

Durham, Chapel Hill, and the Research Triangle of North Carolina are frequently ranked among the best places in the country to live and work. Duke and the many other universities in the area offer a wealth of education and employment opportunities for spouses, partners, and families.

Duke University is an Affirmative Action/ Equal Opportunity Employer committed to providing employment opportunity without regard to an individual's age, color, disability, genetic information, gender, gender expression, gender identity, national origin, race, religion, sex, sexual orientation, or veteran status.

Emmanuel College

Assistant Professor of Computer Science

The School of Business and Management at Emmanuel College invites candidates to apply for an Assistant Professor of Computer Science. This will be a tenure track position which will require a 3/3 course load, supporting the school's new Computer Science major. The Assistant Professor will also serve as an academic advisor to Computer Science and other School of Business and Management students. The position also requires engaging in service to the department and the larger college community through committee work, event planning and other student-focused activities. The Assistant Professor will also engage in productive scholarship activities, ideally creating opportunities to involve students in the research process; and continue to develop and enhance the department's new Computer Science major and IDDS minor programs which will include curricular development contributions.

Candidates must have A PhD in Computer Science or a related field along with relevant teaching experience at the undergraduate level and evidence of teaching effectiveness. ABD candidates are welcome to apply. Candidates will be expected to show a willingness to embed issues of ethics and social responsibility into their courses and an eagerness to work closely with colleagues and students.

To see the full posting and apply, please use the following URL: *http:// emmanuel.interviewexchange.com/ jobofferdetails.jsp?JOBID=170563*

Emory University

Information Systems and Operations Management (ISOM), Open Rank

We invite applications for a tenured/ tenure track position that is open rank, with a priority for hiring at the level of an Assistant Professor. We seek an individual with expertise in Information Systems, Operations Management and Data Analytics, with a preference for AI ethics (e.g., fairness of AI models and algorithmic decision-making).

For more information, please see and apply at *http://apply.interfolio. com/136197*. Emory University is an EO/AA/ Disability/Veteran employer.

Fitchburg State University

Assistant Professor, Tenure-Track, Computer Science

For full consideration, please apply by December 1st.

Fitchburg State University seeks 2 tenure-track positions at the Assistant Professor rank starting in Fall 2024. Fitchburg State University hopes to find computer scientists dedicated to teaching excellence with demonstrated interest in and the ability to teach a variety of undergraduate courses in Computer Science (CS) and Computer Information Systems (CIS) programs and graduate level computer science courses offered by the department.

To Apply

To be viewed by the search firm, you must apply directly at: *https://acesrch.applicantstack.com/x/detail/a2Iesjy9ospn*

Florida International University

Tenure Track/Tenured Open-Rank Professor

Florida International University is a top public university that drives real talent and innovation in Miami and globally. Very high research (R1) activity and high social mobility come together at FIU to uplift and accelerate learner success in a global city by focusing in the areas of environment, health, innovation, and justice. Today, FIU has two campuses and multiple centers. FIU serves a diverse student body of more than 56,000 and 290,000 Panther alumni. U.S. News and World Report places dozens of FIU programs among the best in the nation, including international business at No. 2. Washington Monthly Magazine ranks FIU among the top 20 public universities contributing to the public good.

Tenure Track/Tenured Open-Rank Professor in the Knight Foundation School of Computer and Information Science

The Knight Foundation School of Computing and Information Sciences (KFSCIS) at the Florida International University (FIU) in Miami, Florida, invites applications for multiple tenured and tenure-track faculty positions at all ranks. We welcome applications from candidates with expertise in all areas of Computer Science that complement and enhance our current research strengths. Expertise in interdisciplinary areas are particularly encouraged. Applicants must hold a doctorate degree in Computer Science or related field, and show evidence of engagement in interdisciplinary and collaborative research and a commitment to teaching, diversity and inclusivity.

Candidates for senior positions must have an active and sustainable record in funded research, publications, and professional service, as well as demonstrated leadership in collaborative or interdisciplinary projects. Candidates for junior positions should have a record of research in their early careers with demonstrated abilities to pursue their research agenda. The positions require teaching diverse audiences at both graduate and undergraduate levels, and active participation in departmental and university activities

KFSCIS has six research centers, including federally-funded centers of excellence. The School has 37 tenure-track faculty members, many with NSF and DOE CAREER awards and other national recognitions for their contributions. It has over 4,300 students, including more than 100 Ph.D. students and 360 M.S. students. The School is engaged in on-going and exciting new and expanding programs for research, education, and outreach. The School offers B.A., B.S., M.S., and Ph.D. degrees in Computer Science, B.S. and M.S. degrees in Cybersecurity and Information Technology, and M.S. degrees in Telecommunications and Networking, Data Science and Artificial Intelligence. KFSCIS has several computing clusters with first-rate computing and support infrastructure and enjoys broad and dynamic industry and international partnerships.

Computer Science has been identified as one of the University's strategic growth areas, and KFSCIS has launched many initiatives and degree programs to produce technologically-trained expertise for the burgeoning South Florida Tech Hub. Continuing on our multi-year expansion effort started three years ago to add 20 new tenured and tenure-track faculty members over five years, we aim to strategically add multiple faculty members this year.

KFSCIS is committed to fostering a diverse, equitable, and inclusive academic community. We welcome applications

from women, disabled individuals, and underserved communities. Dual-career couples with research that aligns with KFSCIS that are interested in relocating together are encouraged to submit individual applications and mention this in their cover letters.

Qualified candidates are encouraged to apply to Job Opening ID 530837 at *https://facultycareers.fiu.edu/* and attach a cover letter, curriculum vitae, and statements of research and teaching philosophy. Candidates will be requested to provide names and contact information for at least 3 references who will be contacted as determined by the search committee.

We will start to review applications on November 26th, 2023. Applications will be accepted until the positions are filled.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access 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 or protected veteran status.

Florida International University

Non-tenure track, Open-Rank, Teaching Professor

Florida International University is a top public university that drives real talent and innovation in Miami and globally. Very high research (R1) activity and high social mobility come together at FIU to uplift and accelerate learner success in a global city by focusing in the areas of environment, health, innovation, and justice. Today, FIU has two campuses and multiple centers. FIU serves a diverse student body of more than 56,000 and 290,000 Panther alumni. U.S. News and World Report places dozens of FIU programs among the best in the nation, including international business at No. 2. Washington Monthly Magazine ranks FIU among the top 20 public universities contributing to the public good.

Non-tenure track, Open-Rank, Teaching Professor, Computer and Information Sciences

The Knight Foundation School of Computing and Information Sciences (KFSCIS) is a rapidly growing program of excellence at Florida International University (FIU). The School has 61 faculty members, and over 4,300 students, including 101 Ph.D. students, and more than 370 M.S. students. The School is engaged in on-going and exciting new and expanding programs for research, education, and outreach. The School offers B.A., B.S., M.S., and Ph.D. degrees in Computer Science, B.S. in Cybersecurity and Information Technology, and M.S. degrees in Telecommunications and Networking, Cyber-security, Data

Science, and Information Technology. NSF HERD report ranks FIU #38 in R&D research expenditures in computer and information sciences. KF-SCIS has six research centers/ clusters with first-class computing and support infrastructure and enjoys broad and dynamic industry and international partnerships. Computer Science has been identified as one of the University's strategic growth areas, launching new expansion plans to educate and train technology talent for the burgeoning South Florida Tech Hub. We anticipate adding several teaching-track faculty positions over the next few years, as we surge to become one of the nation's top Computer Science programs. As such, we invite researchers and educators interested in helping us succeed to join our team and share this exciting journey with us.

The Knight Foundation School of Computing and Information Sciences seeks qualified candidates for multiple non-tenure track, open-rank, teaching faculty positions. The successful candidate will be expected to teach a variety of courses offered by the school. Candidates who employ innovative, evidence-based teaching pedagogies are particularly encouraged to apply. A Master's degree in Computer Science or a related discipline is required and a PhD degree is preferred. While this position is not a tenure track position, it does have a promotion progression: teaching faculty with a terminal degree are eligible for consideration for promotion after five years.

Qualified candidates are encouraged to apply to Job Opening ID 530833 at *https:// facultycareers.fiu.edu*/ and attach cover letter, curriculum vitae, statement of

teaching philosophy. Candidates will be requested to provide names and contact information for at least three references who will be contacted as determined by the search committee.

Review of applications will begin November 13, 2023, and continue until the position is filled.

FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access 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 or protected veteran status.

Fordham University

Tenure track Assistant Professor Position

Fordham University invites applications for a tenure track Assistant Professor Position in the Department of Computer and Information Science (CIS) to start in Fall 2024. We welcome candidates with research interests in the areas of software, programming languages, computer systems, security and networks, operating systems, and databases to apply. The salary range of this position is $118,000-$130,000.

The positions require a Ph.D. in Computer Science or related fields, a commitment to teaching excellence, good communication skills, and demonstrated research potential with the ability to attract external research funding.

Applications can be electronically submitted to Interfolio Scholar Services through the following links. The following are required: (1) Cover letter with qualifications, (2) Curriculum vitae, (3) Research Statement, (4) Teaching Statement (5) Sample scholarship, and (6) At least three letters of recommendation.

Please apply at: *https://apply.interfolio. com/135275*, and contact Dr. Xiaolan Zhang (*xzhang@fordham.edu*) for inquiries.

Applications will be accepted until the position is filled, however, it is recommended that you submit your application by January 1st, 2024.

The Department of Computer and Information Sciences at Fordham University offers undergraduate programs at Fordham's Rose Hill campus in the Bronx and Lincoln Center campus in Manhattan, master of science programs in Computer Science, Data Science, and Cybersecurity at its Lincoln Center campus, and Ph.D. in Computer Science (starting Fall 2022). The department actively participates in joint instruction and research through the interdisciplinary integrative neuroscience program, in collaboration with the Biology, Natural Sciences, and Psychology departments. Fordham University has been designated by the National Security Agency and the Department of Homeland Security as a National Center of Academic Excellence in Cyber Defense Education (CAE-CDE). For information about the department, visit *http://www.cis.fordham.edu*.

Fordham is an independent, Catholic University in the Jesuit tradition committed to excellence through diversity.

Fordham is an equal opportunity employer, and we especially encourage women, people of color, veterans and people with disabilities to apply.

Georgetown University

Assistant Professor of Computational Linguistics

The Department of Linguistics at Georgetown University in Washington, DC invites applications for a **tenure-track Assistant Professor position in Computational Linguistics,** beginning in August, 2024.

We seek candidates with a commitment to excellence in research and teaching in any area of Computational Linguistics or NLP. The candidate will be expected to lead a vibrant research program, and teach and mentor students at the undergraduate, master's, and Ph.D. levels – including graduate students within the computational linguistics concentration.

Of particular interest for this position are linguistically grounded computational approaches to *interaction* (broadly construed). This includes (for example) research in spoken/signed language processing, dialogue systems, LLMs, and language learning. Also highly valued is research involving underrepresented groups and languages/varieties (including low-resource NLP, as well as bias and ethics in language technologies).

The new hire will join a computational linguistics concentration with faculty who specialize in syntax, semantics, and discourse processing in text. The

Linguistics Department at Georgetown is committed to a diversity of perspectives on language, and houses concentrations in computational linguistics as well as theoretical, socio-, and applied linguistics.

Qualifications: A Ph.D. in Linguistics, Computer Science, or a related field is required. Applicants must have the Ph.D. in hand by the time of the appointment.

Application Instructions: Dossiers should include a letter of application, curriculum vitae; statements of research, teaching, and diversity; 1–3 representative publications; and names (with contact information) of three references, who will be contacted by the system to request a letter of recommendation.

Please apply at: *https://apply.interfolio. com/11780/positions*

All applications received by 1-Nov-2023 will be reviewed in full.

For further information, please contact the search committee chairs, Amir Zeldes and Nathan Schneider at *gu-compling-search@georgetown.edu* and see *https://gucl.georgetown.edu/*

Georgia Institute of Technology

Faculty Positions in Computational Science and Engineering

The School of Computational Science and Engineering (CSE) at Georgia Institute of Technology in Atlanta, Georgia, has multiple openings for Assistant Professor (tenure-track); openings for Associate Professor and Professor are also available. CSE focuses on foundational, interdisciplinary research that enables advances in science, engineering, medical, and social domains. Core research areas in CSE include high-performance computing, data science and visual analytics, scientific computing and simulation, artificial intelligence and machine learning, and computational bioscience and biomedicine. Duties include teaching 2 courses per year. A PhD degree is required in a discipline relevant to CSE, including Computer Science, Mathematics, Engineering, or Science.

To apply, visit *https://cse.gatech.edu/ faculty-hiring*.

Questions can be sent to *cse-fac-recruit@office365.gatech.edu*.

For full consideration, applications are due by December 1, 2023.

Georgia State University Perimeter College

Computer Science Open Rank Tenure Track Faculty

The successful candidate will contribute to the access mission and provide high-quality education, foster research and innovation, and support student success. This position offers an opportunity to shape the minds of future computer scientists, engage in scholarly activities, and contribute to the growth of our institution. Tenure-track positions are academic year (August-May) appointments. The selected candidate will:

- Provide 27-32 semester hours of instruction per academic year.
- Provide student support and advising via office hours.
- Maintain an average of 10 office hours per week.
- Work effectively and professionally with colleagues.
- Contribute to the development and review of related undergraduate curricula. Assist with program assessment activities.

Expectations also include service to the department, college, and university.

Apply here: *https://facultycareers.gsu. edu/postings/4294*

Perimeter College encourages and supports innovation and professional growth, expecting the successful candidate to demonstrate career goals that are consistent with the college's mission.

Hamline University

Open Rank Professorship - Computational Data Science

The Department of Mathematics and the Computational Data Science Program at Hamline University in Saint Paul, Minnesota invites applications for an open rank tenure-track faculty position to begin in the fall of 2024. Successful candidates will have expertise in any area of Data Science and a PhD in a related field and should be able to teach introductory and advanced courses in data science, programming, statistics, and innovative and interdisciplinary offerings in their area of interest.

Learn more and apply here (*https:// hamline.wd5.myworkdayjobs.com/en-US/Faculty_Career_Site/details/Open-Rank-Professorship---Computational-Data-Science_R0000993-1*).

Professional Opportunities

Hampden-Sydney College

Assistant Professor of Computer Science

Hampden-Sydney College invites applications for a tenure-track or long term Computer Science faculty position beginning August 2024. We seek enthusiastic candidates with a commitment to undergraduate education. The teaching load for this position is six 3-credit hour courses per year, with an additional course every third year. Applicants should have a Masters degree or Ph.D. in computer science or closely related field. We encourage candidates with a wide range of specialties to apply.

All applicants must submit a letter of application, curriculum vitae, teaching statement, and three letters of reference to Professor Brian Lins, Chair, Department of Mathematics and Computer Science, Hampden-Sydney College via Interfolio: *http://apply.interfolio.com/131318*.

The Hong Kong University of Science and Technology

Job Title: Professor / Associate Professor / Assistant Professor

Department: Department of Computer Science and Engineering

Job ID: 9146

Job Posting Details

The Department of Computer Science and Engineering (*https://cse.hkust.edu.hk/*) at The Hong Kong University of Science and Technology (HKUST) invites applications for substantiation-track faculty positions at the ranks of Professor, Associate Professor and Assistant Professor for the 2024-2025 academic year. We are looking for outstanding candidates in all areas of computer science and engineering who can complement or add to our existing strengths in Artificial Intelligence, Cybersecurity, Database, Human-Computer Interaction, Networking and Computer Systems, Software Engineering and Programming Languages, Theoretical Computer Science, Vision and Graphics, and Visualization. Female candidates are highly encouraged to apply to contribute to the diversity of the department.

All candidates must have a PhD degree in Computer Science or related fields by the time of appointment. Salary is highly competitive and will be commensurate with qualifications and experience. Fringe benefits include medical/dental benefits and annual leave. Housing will also be provided where applicable. Assistant Professor appointments will initially be on a three-year contract. A gratuity will be payable upon completion of contract.

The department has 53 regular faculty members, recruited from major universities and research institutions around the world, and more than 1,400 students (including about 620 postgraduate students). HKUST is ranked as one of the best young universities in the world, and is committed to increasing the gender and ethnic diversity of its faculty and has a range of family-friendly policies in place. The medium of instruction is English.

Application Procedure

Applications including 1) a cover letter, 2) a full curriculum vitae, 3) names and contact information of at least three referees, 4) a research statement, and 5) a teaching statement (all in PDF format) should be submitted via the HKUST/HKUST (GZ) Recruitment System (*https://facrecruit. hkust.edu.hk/*). Applicants should first sign up to create a personal account. In the "Application Information" section, please select "Department of Computer Science and Engineering" on "HKUST Hong Kong Campus" for submission of application. Priority will be given to applications received by **Sunday, 31 December 2023**. Please be advised that only shortlisted candidates will be notified of the result of the application.

(Information provided by applicants will be used for recruitment and other employment-related purposes. Applicants should read the Personal Information Collection Statement before submission of application.)

HKUST is an equal opportunities employer and is committed to our core values of inclusiveness, diversity, and respect.

Indiana University

Assistant Professor in Computer Science (Algorithms and Theory)

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) Bloomington invites applications for a full-time tenure track assistant professor position in the area of algorithms/theory in the Computer Science

(CS) department to begin August 1, 2024. We seek potential candidates in all areas in algorithms/theory, including algorithms and data structures, computational complexity, computational learning theory, quantum computing, optimization, distributed and parallel computing, game theory and mechanism design.

The Computer Science department has over 50 years of history and currently has over 40 faculty members and 1500 students. It strives to be the hotbed of innovation and a leader in computing research and education. Its faculty have pioneered advances in areas including programming languages, hardware design, algorithms, databases, security and privacy, bioinformatics and biomedical science, quantum computing, and artificial intelligence and machine learning.

The Luddy School of Informatics, Computing, and Engineering is the first of its kind and among the largest in the country. Its mission is to excel and lead in education, research, and outreach spanning and integrating the full breadth of computing, information technology and modern engineering. It includes over 140 faculty and 2800 students. Departments in Luddy School include Computer Science, Information and Library Science, Informatics, and Intelligent Systems Engineering.

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

Salary will be commensurate with education and experience. Indiana University provides a comprehensive benefits program for full-time appointed employees. Coverage for core benefit plans such as basic life insurance and a base retirement plan are entirely paid by the University.

Applicants should have a demonstrable potential for (for junior level) or an established record of (for senior level) excellence in research and teaching and a PhD in Computer Science or a related field expected before August 2024.

Review of applications will begin on November 27, 2023 and will continue until the position is filled.

Interested candidates should review the application requirements, learn more about IU and The Luddy School, and apply online at:

https://indiana.peopleadmin.com/ postings/20754

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

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

Indiana University

Assistant/Associate/Full Professor of Computer Science

The Indiana University Luddy School of Informatics, Computing and Engineering at IU Indianapolis invites applications for open rank tenured or **tenure-track assistant, associate or full professor positions in the discipline of various computer science areas.** Appointments will begin August 1, 2024 on the Indianapolis campus. Candidates must demonstrate an outstanding scholarly record of teaching and research, exhibited by high-impact peer-reviewed publications and a forward-looking, externally funded research agenda as Principal Investigator (PI).

Research expertise in any promising area of computer science will be considered with an emphasis on Artificial Intelligence, Machine Learning, Data Science, and their applications in biomedical and health sciences.

To ensure full consideration, please submit your application materials by **January 2, 2024**. However, the positions will remain open until filled.

How to apply:
https://luddy.iupui.edu/openings/

Questions pertaining to this position can be directed to luddyhr(at)iupui.edu.

Qualifications

- D. in Computer Science or related discipline. Applicants must complete their

degree before the starting date of the appointment.

- Demonstrated ability to teach effectively in-person, online, or in blended learning for courses in areas such as Artificial Intelligence and Data Science, Sensor Networks and Internet of Things, Natural Language Processing, Cybersecurity and Privacy, Database systems and Software Engineering, and related areas.

- A record of outstanding research productivity and impact in any of the above-mentioned areas, or a demonstrated ability to develop one. The demonstrated ability to secure external funding is required.

For additional information about the IU Luddy School of Informatics, Computing and Engineering, including degrees, course descriptions, plans of study and faculty research, please see *luddy.iupui.edu*.

Indiana University-Bloomington

Postdoctoral Fellow (artificial intelligence for medical applications, Garyfallidis Research Group)

The Garyfallidis Research Group (grg.luddy.indiana.edu) at Luddy School of Informatics, Computing, and Engineering has an open postdoctoral position on the topic of artificial intelligence for medical applications. The ideal start date for the position is January 15, 2024 (negotiable).

The Postdoc will join a dynamic and interdisciplinary team that includes computer, engineering, and cognitive scientists. The postdocs will work with Prof. Eleftherios Garyfallidis on various areas of research, including medical imaging, machine learning and/or scientific visualization.

Minimum Qualifications:

A PhD in one of the following or another related area is required: engineering, computer science, statistics, physics, mathematics, or neuroscience. The position requires solid programming skills necessary to handle big data and develop large scale simulations.

Preferred Qualifications:

Knowledge of Python and C, and/or shading languages is a plus. Previous experience in open-source development is not required.

Salary: Commensurate with qualifications and experience, plus generous benefits.

Rank: Postdoctoral Fellow (RSP)

Appointment Type: Twelve-month full-time non-tenure track appointment with potential to be extended annually for a maximum term of 4 years, subject to satisfactory performance and funding; Position is currently funded for two years.

Application Instructions:

Review of Applications will begin November 20, 2023; however, the search will remain open until a suitable candidate is found. Interested candidates should review the application requirements, learn more about IU and The Luddy School, and apply online at:

https://indiana.peopleadmin.com/postings/20688

Questions may be sent to: *elef@indiana.edu*

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

Indiana University-Bloomington

Open Rank Professors in Computer Science (Computer Systems and Networks)

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) Bloomington invites applications for two full-time tenure track / tenured (open rank) professor positions in the area of Computer Systems in the Computer Science (CS) department to begin August 1, 2024. We seek candidates who can teach and lead research in the following areas: operating systems, distributed systems, mobile computing, computer networks, embedded systems, and software engineering. We are particularly interested in candidates working on the intersection of computer systems and other areas such as artificial intelligence, data management, and cybersecurity.

The Computer Science department has over 50 years of history and currently has over 40 faculty members and 1500

students. It strives to be the hotbed of innovation and a leader in computing research and education. Its faculty have pioneered advances in areas including programming languages, hardware design, algorithms, databases, security and privacy, bioinformatics and biomedical science, quantum computing, and artificial intelligence and machine learning.

The Luddy School of Informatics, Computing, and Engineering is the first of its kind and among the largest in the country. Its mission is to excel and lead in education, research, and outreach spanning and integrating the full breadth of computing, information technology and modern engineering. It includes over 140 faculty and 2800 students. Departments in Luddy School include Computer Science, Information and Library Science, Informatics, and Intelligent Systems Engineering.

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

Salary will be commensurate with education and experience. Indiana University provides a comprehensive benefits program for full-time appointed employees. Coverage for core benefit plans such as basic life insurance and a base retirement plan are entirely paid by the University.

Applicants should have a demonstrable potential for (for junior level) or an established record of (for senior level) excellence in research and teaching and a PhD in Computer Science or a related field expected before August 2024.

Review of applications will begin on November 27, 2023 and will continue until the positions are filled.

Interested candidates should review the application requirements, learn more about IU and The Luddy School, and apply online at:

https://indiana.peopleadmin.com/ postings/20815

Questions may be sent to Dr. Jeremy Siek (*jsiek@indiana.edu*)

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

Indiana University is an equal employment and affirmative action employer and a

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

Indiana University-Bloomington

Lecturers in Computer Science

The Luddy School of Informatics, Computing, and Engineering at Indiana University Bloomington (IUB) invites applications for two full-time non-tenure track lecturer positions in the Computer Science Department to begin on August 1, 2024. Teaching experience in one or more of the following areas is preferred: software engineering, game development, mobile app development, computer systems, artificial intelligence and machine learning. We seek candidates prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations.

The Luddy School of Informatics, Computing, and Engineering is the first of its kind and among the largest in the country. Its mission is to excel and lead in education, research, and outreach spanning and integrating the full breadth of computing, information technology and modern engineering. It includes over 140 faculty

and 2800 students. Departments in Luddy School include Computer Science, Information and Library Science, Informatics, and Intelligent Systems Engineering.

Responsibilities include teaching courses both online and in person, supervising associate instructors assigned to your classes, development of laboratory material, grading, and other duties as assigned. After successfully completing a probationary period, lecturers are eligible for long-term contracts and promotion to senior lecturer.

As valued members of the faculty, lecturers 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.

Salary will be commensurate with education and experience. Indiana University provides a comprehensive benefits program for full-time appointed employees. Coverage for core benefit plans such as basic life insurance and a base retirement plan are entirely paid by the University.

A Master's of Science (MS) or higher degree in Computer Science or a related discipline, or equivalent tested experience such as experience and mastery in industry is required. Candidates should be able to demonstrate a record of teaching excellence and enthusiasm.

Review of applications will begin on November 27, 2023 and will continue until the positions are filled. Interested candidates should review the application requirements, learn more about IU and The Luddy School, and apply online at:

https://indiana.peopleadmin.com/ postings/20816

Questions may be sent to Charles Pope (*cepope@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.

Iowa State University

Assistant or Associate Teaching Professor Position in Computer Science

The Department of Computer Science at Iowa State University (ISU) in Ames, Iowa, seeks outstanding applicants for an assistant or associate teaching professor position. The preferred start date is January 1, 2024. Responsibilities will include teaching computer science courses, primarily at the undergraduate level, and may include lectures in a large classroom setting and supervision of teaching assistants who will cover smaller hands-on lab sections.

The ISU Department of Computer Science is rapidly growing in terms of faculty,

staff, students, degree programs, research funding, philanthropy, and rankings. The department offers an extensive suite of undergraduate and graduate programs, including degrees in Computer Science, Artificial Intelligence, Software Engineering, Data Science, and Bioinformatics and Computational Biology. Integral to initiating numerous degrees, such as the B.S. in Software Engineering and Data Science, it prides itself on active participation in interdisciplinary initiatives. With over 1,700 students across different levels and a faculty strength of 41, the department fosters a robust academic environment.

This part-time term faculty position is an 87.5% full-time equivalent (FTE), 9-month position with an initial 3-year term. This position has the possibility of additional course assignments and possible summer appointments, both contingent upon budget and staffing needs. This position is eligible for full faculty benefits.

To ensure full consideration, applications should be received by December 1, 2023, but will be accepted until the position is filled.

For more information about requirements and application instructions, please refer to *https://isu.wd1.myworkdayjobs.com/ IowaStateJobs/job/Ames-IA/Assistant- or-Associate-Teaching-Professor-in- Computer-Science_R13483.*

ISU is dedicated to work-life balance through an array of flexible policies, and is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, age, religion,

sex, sexual orientation, gender identity, genetic information, national origin, marital status, disability, or protected veteran status and will not be discriminated against. Inquiries can be directed to the Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, 515 294-7612, email *eooffice@iastate.edu*.)

Iowa State University

Assistant Professor

The Department of Computer at Iowa State University in Ames, Iowa, seeks outstanding applicants for up to four tenure-track faculty positions at the rank of Assistant Professor. We are specifically looking for candidates in theoretical computing, bioinformatics, cybersecurity, classical, and post-quantum cryptography to start on Aug 16, 2024.

This position is part of a strategic initiative to build Iowa State's research strength and degree programs in key areas, including cybersecurity.

To ensure full consideration, applications should be received by January 2, 2024, but will be accepted until the position is filled.

For more information about requirements and application instructions, please refer to *https://www.cs.iastate.edu/open-positions*.

ISU Department of Computer Science offers an extensive suite of undergraduate and graduate programs, including degrees in Computer Science, Artificial Intelligence, Software Engineering, Data Science, and Bioinformatics and Computational Biology. Being integral in initiating numerous degrees, such as the B.S. in Software Engineering and Data Science,

it prides itself on active participation in interdepartmental initiatives. With over 1,700 students across different levels and a faculty strength of 38, the department fosters a robust academic environment.

We are dedicated to work-life balance through an array of flexible policies. We are responsive to the needs of dual-career couples.

Iowa State University is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, genetic information, national origin, marital status, disability, or protected veteran status and will not be discriminated against. Inquiries can be directed to the Office of Equal Opportunity, 3410 Beardshear Hall, 515 Morrill Road, 515 294-7612, email *eooffice@iastate.edu*.

Jane Street

Teaching Assistant, Computer Science, Academy of Math and Programming

We are looking for enthusiastic teaching assistants, with knowledge of algorithms and computer programming, for our Academy of Math and Programming (AMP) in New York City.

This is a temporary, six-week-long summer role, which includes one week of training. Dates of the program are still being determined, but will likely take place from early July through early August.

AMP is a program for recent high school graduates of diverse backgrounds who

have experienced barriers to access and opportunity within advanced STEM education. It offers students a rigorous and rewarding curriculum that focuses on topics near and dear to Jane Street, including mathematics, computer programming, data analysis, and game theory.

For more information and to apply, please visit our website: *https://www.janestreet.com/join-jane-street/position/6988811002/*

Jane Street

Computer Science Instructor, Academy of Math and Programming

We are hiring enthusiastic instructors who have a background in computer programming for our Academy of Math and Programming (AMP) in New York City. This is a temporary, six-week-long summer role, which includes one week of training before the program begins. Dates of the program are still being determined, but will likely take place from early July through early August.

AMP is a program for recent high school graduates of diverse backgrounds who have experienced barriers to access and opportunity within advanced STEM education. It offers students a rigorous and rewarding curriculum that focuses on topics near and dear to Jane Street, including mathematics, computer programming, data analysis, and game theory.

For more information and to apply, please visit our website: *https://www.janestreet.com/join-jane-street/position/6988869002/*

Johns Hopkins University

Teaching Faculty in Computer Science

The Department of Computer Science at Johns Hopkins University seeks applicants for full-time teaching positions. These are career-oriented, renewable appointments, responsible for the development and delivery of undergraduate and/or graduate courses, depending on the candidate's background and interests. We are searching broadly to meet teaching needs across the discipline, including artificial intelligence, data science and machine learning. Each position carries a two to three course load per semester, with at most two different preps. Teaching faculty are encouraged to engage in educational research, departmental and university service, and student mentoring. Extensive grading support is given to all instructors. The university has instituted a non-tenure track career path for full-time teaching faculty culminating in the rank of Teaching Professor.

Johns Hopkins is a private university known for its commitment to academic excellence and research. The Computer Science department is one of nine academic departments in the Whiting School of Engineering, on the beautiful Homewood Campus. We are located in Baltimore, MD in close proximity to Washington, DC and Philadelphia, PA. See the department webpage at *https://cs.jhu.edu* for additional information about the department, including undergraduate and graduate programs and current course descriptions.

Applicants for the positions should have a Ph.D. in Computer Science or a closely related field. Demonstrated excellence in and commitment to teaching, and excellent communication skills are expected of all applicants. Applications may be submitted online at *http://apply.interfolio.com/132164*. Questions may be directed to *lecsearch@cs.jhu.edu*.

For full consideration, applications should be submitted by December 1, 2023. Applications will be accepted until the positions are filled.

The department is conducting a broad and inclusive search and is committed to identifying candidates who through their teaching and service will contribute to the diversity and excellence of the academic community. We welcome candidates who are poised to address grand challenges within Computer Science, can work across disciplines to solve societal challenges, and support JHU's leading role in increasing undergraduate diversity across elite universities. More information on diversity and inclusion in the department is available at *https://www.cs.jhu.edu/diversity/*.

The Johns Hopkins University is committed to active recruitment of a diverse faculty and student body. The University is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans and individuals with disabilities and encourages applications from these and other protected group members. Consistent with the University's goals of achieving excellence in all areas, we will assess the comprehensive qualifications of each applicant.

Johns Hopkins University

Tenure-Track Faculty, Department of Computer Science

The Johns Hopkins University's Department of Computer Science invites applications for tenure-track faculty positions. We anticipate making multiple offers across all areas of Computer Science and at all ranks. We will also offer an Early Action application option.

This year's search begins a large-scale expansion of the Whiting School of Engineering, with the goal of adding 150 new tenure-track professors at all ranks, of which 80 will be part of the new Artificial Intelligence Institute. As part of this expansion, the Department of Computer Science will experience substantial growth across all research areas to become one of the largest departments at a private University.

The Department currently has 35 full-time tenure-track faculty members, 7 research and 8 teaching faculty members, 225 Ph.D. students, over 200 MSE/MSSI students, and over 700 undergraduate students. There are several affiliated research centers and institutes including the Center for Computational Biology (CCB), the Laboratory for Computational Sensing and Robotics (LCSR), the Center for Language and Speech Processing (CLSP), the JHU Information Security Institute (JHU ISI), the Institute for Data Intensive Engineering and Science (IDIES), the Malone Center for Engineering in Healthcare (MCEH), the Institute for Assured Autonomy (IAA), the Mathematical Institute for Data Science (MINDS), and the SNF Agora Institute.

More information about the Department of Computer Science can be found at *https://www.cs.jhu.edu* and about the Whiting School of Engineering at *https://engineering.jhu.edu*.

The department is conducting a broad and inclusive search and is committed to identifying candidates who through their research, teaching, and service will contribute to the diversity and excellence of the academic community. We welcome candidates who are poised to address grand challenges within Computer Science, can work across disciplines to solve societal challenges, and support JHU's leading role in increasing undergraduate diversity across elite universities. More information on diversity and inclusion in the department is available at *https://www.cs.jhu.edu/diversity/*.

Applicants should submit a curriculum vitae, a research statement, a teaching statement and (optionally) three recent publications. Junior (assistant) candidates should submit three to five letters of reference. Senior (associate/full) candidates should submit a list of references.

Applications must be made online at *http://apply.interfolio.com/131527*.

While candidates who complete their applications by December 1, 2023 will receive full consideration, the department may consider applications submitted after that date. Furthermore, the department may take early action on applications starting October 1. Questions may be directed to *fsearch2023@cs.jhu.edu*.

The Johns Hopkins University is committed to equal opportunity for its faculty, staff, and students. To that end, the university does not discriminate on the basis of sex, gender, marital status, pregnancy, race, color, ethnicity, national origin, age, disability, religion, sexual orientation, gender identity or expression, veteran status or other legally protected characteristics. The university is committed to providing qualified individuals access to all academic and employment programs, benefits and activities on the basis of demonstrated ability, performance and merit without regard to personal factors that are irrelevant to the program involved.

Lehigh University

Faculty Position in Computer Science and Engineering

The *Department of Computer Science and Engineering* (CSE) in the P.C. Rossin College of Engineering and Applied Science at Lehigh University invites applications for tenure-track faculty. Tenure on appointment is possible for senior candidates. We encourage applications from outstanding candidates in the areas of systems, machine learning, artificial intelligence, and/or data science, particularly those whose work engages with the societal relevance and impact of these technologies. Founded in 1865, Lehigh University has combined outstanding academic and learning opportunities with leadership in fostering innovative research. Recognized among the nation's highly ranked research universities, Lehigh offers a rigorous academic community for over 7,000 students and about 560 full-time faculty members. Lehigh University is located in Bethlehem, PA., a vibrant and historic area. Over 860,000 people live in the Lehigh Valley, which is in close proximity to New York City and Philadelphia.

For full consideration, application materials should be received online by December 1, 2023.

Candidates applying for a *senior position with tenure* must submit application materials online at *https://academicjobsonline.org/ajo/jobs/26586*. Candidates requesting a *position without tenure* must submit application materials at *https://academicjobsonline.org/ajo/jobs/26587*. Questions concerning this search may be sent to *faculty-search@cse.lehigh.edu*.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status.

Louisiana State University

Assistant Professor (Tenure-Track)

The *Division of Computer Science and Engineering* within the School of Electrical Engineering and Computer Science at Louisiana State University (LSU) - Baton Rouge invites applications for a tenure-track Assistant Professor position starting August 2024. The division is experiencing an all-time high enrollment, and we expect continued growth for the

foreseeable future. Our hiring priority is in software engineering and related areas (systems and programming). Candidates from other areas will also be considered.

The School of Electrical Engineering and Computer Science is comprised of the Computer Science and Engineering (CSE) Division and the Electrical and Computer Engineering (ECE) Division. The CSE division (www.cse.lsu.edu) has a strong record in research and graduate training (MS and PhD degrees), with ongoing federal, state and industry-funded research projects in many key areas of computer science, and collaborates closely with the local, active startup scene. The CSE division offers multiple concentration/specialization options, including software engineering, cybersecurity, cloud computing and networking, and data science and analytics at the undergraduate level (BS degree). Excellent opportunities exist for collaboration with the ECE division and other departments in and out of the College of Engineering, including the Center for Computation and Technology. LSU High Performance Computing provides state-of-the-art supercomputing and storage facilities enabling research collaborations across diverse fields.

Responsibilities: The position will be 50% teaching at the graduate and undergraduate levels in areas of candidate's specialization in the field of computer science. Supervise teaching/research assistants and advising students. Maintain professional standards and level of competence. 50% Establish a vigorous, externally funded research program; publish in highly ranked journals and conference proceedings; supervise graduate students. Participate in University service, including committee activities. LSU has a significant number of highly motivated students and in selecting applicants for this position, emphasis will be placed on a candidate's ability to engage students in and out the classroom.

Required Qualifications: The successful applicant will possess a Ph.D. in Computer Science or other relevant discipline and will have a record of published research and the ability to attract funding. Applicants who are all but dissertation (A.B.D.) and will complete the Ph.D. by the time of appointment will be considered. Women and minorities are strongly encouraged to apply.

Demonstrated potential for excellence in teaching graduate and undergraduate courses in all areas of computer science, conducting research, and the ability to attract research sponsorship.

Candidates who have satisfied all other doctoral requirements but dissertation submission and will complete their Ph.D. by time of employment will also be considered.

Campus interviews will be conducted in Baton Rouge, LA, prior to an offer being extended. Any offer of employment is contingent on a satisfactory pre-employment background check and submission of official transcript. Full review of applications will be conducted starting January 3 of 2024 or earlier, and the review will continue until the position is filled. We strongly encourage early applications which will be reviewed immediately upon receipt. Questions regarding this position or salary should be directed to the Faculty Search Committee via email at *csesearch@lsu.edu*.

Applications should include a curriculum vitae, statement of research and names of at least 3 references.

Please apply at the this *website*

Louisiana State University
Assistant/Associate/Full Professor

The *Division of Computer Science and Engineering* within the School of Electrical Engineering and Computer Science at Louisiana State University (LSU) in Baton Rouge is thrilled to announce a cluster hiring initiative for multiple faculty positions at the forefront of cybersecurity. This cluster hiring effort is a crucial component of the university's strategic plan to establish itself as a leader in defense and cybersecurity (*https://www.lsu.edu/strategic-plan/planning/direction.php*). We invite applications for tenure-track Assistant Professors, with the possibility of considering exceptionally qualified candidates for positions at the Associate and Full Professor ranks with tenure. These roles are set to commence in August 2024 or earlier. At LSU, we are deeply committed to fostering diversity and inclusivity, and we strongly encourage women and minorities to apply. We are particularly interested in candidates with expertise in a range of areas, including but not limited to:

- System security (including fuzzing and TEEs)
- ML/AI safety & security
- Differential privacy
- Applied cryptography (including post-quantum cryptography)
- HCI & cybersecurity; usable security
- Cloud, web, and network security
- Cyber-physical and critical infrastructure security
- AI-driven cyber analytics
- Operational cybersecurity
- Hardware security
- Cyber forensics (defensive and offensive)
- Cyber threat intelligence

The CSE division has a notable history of leading-edge research and excellence in graduate education, providing both MS and PhD degree programs. Our division is deeply involved in research projects funded by federal agencies, state initiatives, and industry partnerships, spanning a wide array of computer science domains. Our primary focus in this cluster hire is on the dynamic realm of cybersecurity. We offer multiple concentration and specialization options, with a prominent emphasis on cybersecurity, reaffirming our dedication to this pivotal field. Additionally, we provide specialized tracks in software engineering, cloud computing, networking, and data science and analytics at the undergraduate level through our BS degree program.

LSU holds the prestigious designation as one of just 22 programs nationwide recognized as a National Center of Academic Excellence in Cyber Operations (CAE-CO). This designation highlights our unwavering commitment to delivering top-tier cybersecurity education and conducting cutting-edge research.

Within LSU, a culture of collaboration thrives, offering faculty exceptional opportunities to closely collaborate with the ECE division and other esteemed departments both within and beyond the College of Engineering. Our highly regarded multidisciplinary Center for Computation and Technology (CCT) further enhances these collaborative efforts. Additionally, our state-of-the-art supercomputing and storage facilities at LSU-HPC provide the resources needed to foster groundbreaking research collaborations across diverse fields.

Responsibilities:

As a faculty member in our division, you will play a pivotal role in shaping the next generation of cybersecurity experts. Your responsibilities will include: 50% Teaching and 50% Research

- Teaching graduate and undergraduate courses in the high-priority areas of cybersecurity.
- Mentoring and guiding graduate students who are eager to make their mark in the world of cybersecurity.
- Establishing a robust and extramurally funded research program, with a specific focus on advancing the frontiers of cybersecurity research, development, and operations.
- Publishing groundbreaking research in highly regarded journals and conference proceedings.
- Collaborating with colleagues and serving on committees that further our department›s and LSU›s educational and research missions.

This faculty position will be evenly split between teaching and research, reflecting our commitment to producing both exceptional educators and groundbreaking researchers. LSU is home to a vibrant community of highly motivated students, and we place great emphasis on a candidate's ability to inspire and engage students both inside and outside the classroom.

Required Qualifications:

We are seeking individuals who are passionate about cybersecurity and possess the following qualifications depending on the rank being considered:

Minimum Qualifications for Assistant Professor:

A Ph.D. in Computer Science or a closely related field, demonstrating deep expertise in the principles and practices of cybersecurity. For those who are in the final stages of their Ph.D., completion of the degree is expected by the time of appointment.

Minimum Qualifications for Associate Professor:

A Ph.D. in Computer Science or a closely related field, and 4 years of work experience in the field. The candidate should have a proven track record of published research in cybersecurity or related areas, as well as the ability to attract external research funding.

Minimum Qualifications for Full Professor:

A Ph.D. in Computer Science or a closely related field, and 8 years of experience in the field. The candidate should have a proven track record of published research in cybersecurity or related areas and have developed a nationally recognized, externally funded research program in the field.

Join us in shaping the future of cybersecurity at Louisiana State University – Baton Rouge. Your expertise and passion will be the driving force behind our continued excellence in this critical field.

Please apply at this *website*

Loyola University Chicago

Tenure-Track Assistant Professor Position in Computer Science

The Department of Computer Science at Loyola University Chicago invites applications for a full-time, tenure-track position at rank Assistant Professor beginning Fall 2024 in foundational areas, including Algorithms, Programming Languages, Formal Methods, Theory of Computation, and Software Engineering.

The department has 16 full-time faculty members serving about 600 undergraduate majors and minors and 90 master's students enrolled in computer science, cybersecurity, information technology, software engineering, and data science degree programs. The department maintains an active research program with recent funding from NSF,

NIH, NSA/DoD and other sources, and launched its PhD program in Fall 2023. For more information about the department, please visit *www.luc.edu/cs*.

Located on Chicago's vibrantly multicultural North Side, the department is dedicated to mentoring a diverse student body, many of whom come from underrepresented and underserved populations. We especially encourage applications from candidates from underrepresented groups, as well as applications from scholars committed to interdisciplinarity and the successful pursuit of external grants.

Review of applications will begin immediately and continue until the position is filled. Applications submitted before January 2, 2024, will receive full consideration.

LUC is an Equal Opportunity/Affirmative Action employer with a strong commitment to hiring for our mission and diversifying our faculty.

Applicants should follow the specific instructions available at *www.careers.luc.edu/postings/26849*.

Marquette University

Assistant Professor (tenure-track) in Computer Science

The Department of Computer Science of Marquette University invites applications for an Assistant Professor (tenure-track) position to begin in August 2024. We are particularly interested in candidates with expertise in computer and network

security, cybersecurity education, distributed systems, data science, and related computational fields. Candidates with research in other areas will be considered and are encouraged to apply.

The Department offers undergraduate majors in Computer Science and Data Science, master's programs in Computer and Information Science and Data Science, and a PhD in Computer Science.

Candidates from underrepresented groups are especially encouraged to apply. Additional information and application instructions at: *https://employment.marquette.edu/postings/20226*

Massachusetts Institute of Technology

Associate or Full Professor in Music Technology and Computation (Tenured)

Description

The Music and Theater Arts Section (MTA) at the Massachusetts Institute of Technology (MIT) together with the MIT Schwarzman College of Computing (SCC) in Cambridge, MA seeks applicants for a position in Music Technology and Computation at the level of tenured Associate or Full Professor beginning July 1, 2024, or at a mutually agreed date thereafter.

We seek candidates who are leaders in research fields of computation and technology applied to music. Candidates should be investigating areas where computation and music are intertwined to make discoveries that would not be possible without a deep understanding of both disciplines.

MIT recently approved the creation of a master's degree program in Music Technology. The successful candidate will be intimately involved in the direction and growth of this program. This search is one of several anticipated hires in the near term, with the goal of creating a cohort of faculty at the intersection of music and technology.

MIT is committed to fostering an equitable and inclusive environment for a diverse faculty and academic community.

Qualifications:

Areas of interest may include music information retrieval, computational approaches to music cognition and perception, music visualization and data sonification, human-computer interfaces for musical interaction, hardware systems and/or robotics for musical instruments, music and healthcare, algorithms for musical creativity, computational musicology, or music and AI. This listing is not exhaustive; researchers in related disciplines or emerging areas are welcome to apply.

A doctorate in music technology, music, computer science, engineering, applied mathematics, cognition or neuroscience, or a closely related field is required. Candidates should have extensive musical training and experience in some aspect of music performance, composition, theory, musicology, or music production. Candidates should also have a current or recent position as associate professor, full professor, or equivalent status, and a distinguished record of research and teaching.

Duties:

The successful candidate will have a shared appointment between MTA and SCC, and will join a growing cohort of faculty at MIT with a multidisciplinary focus. Faculty duties include conducting original research, teaching classes in music technology and computation in both MTA and SCC, advising at the undergraduate and graduate levels, and playing a leadership role in the design and administration of the new music technology graduate program. The normal teaching load is 3 subjects per year, but is reduced to 2 subjects per year for PIs who spend substantial effort running a lab and mentoring PhD students and postdocs. Faculty are expected to apply for outside grants to support their research group.

Required Materials:

To apply for the position, include (1) a cover letter (2–4 pages) that includes research accomplishments, future research directions, approaches to pedagogy, and fundraising accomplishments (2) Curriculum Vitae, (3) teaching reviews and/or evaluations and (4) a statement regarding your views on diversity, inclusion, and belonging, including past and current contributions as well as your vision and plans in these areas. Finalists for this position will be required to solicit three letters of recommendation.

Application Deadline: Applications must be completed by January 2, 2024 to receive full consideration.

Apply here: *https://academicjobsonline.org/ajo/jobs/26445*

Contact: *mta-musictech@mit.edu*

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

Employment is contingent upon the completion of a satisfactory background check, including verifying any finding of misconduct (or pending investigation) from prior employers.

The Max Planck Institutes

Tenure-track Faculty Openings at Computer Science MPIs

The Max Planck Institutes (MPIs) for Informatics, for Security & Privacy, and for Software Systems invite applications for tenure-track faculty in all areas of computer science. We expect to fill several positions.

A doctoral degree in computer science or related fields and an outstanding research record are required. Successful candidates are expected to build a team and pursue a highly visible research agenda, both independently and in collaboration with other groups.

The institutes are part of a network of over 80 MPIs, Germany's premier

basic-research institutes. MPIs have an established record of world-class, foundational research in the sciences, technology, and the humanities. The institutes offer a unique environment that combines the best aspects of a university department and a research laboratory: Faculty enjoy full academic freedom, lead a team of doctoral students and post-docs, and have the opportunity to teach university courses; at the same time, they enjoy ongoing institutional funding in addition to third-party funds, a technical infrastructure unrivaled for an academic institution, as well as internationally competitive compensation.

We maintain an international and diverse work environment and seek applications from outstanding researchers worldwide. The working language is English; knowledge of the German language is not required for a successful career at the institutes.

Qualified candidates should apply using the application portal at *https://apply.cis.mpg.de*.

The review of applications will begin on December 1st, 2023.

MPIs are committed to fostering a diverse, inclusive, and global academic community, and consider qualified applicants for employment without discrimination on the basis of gender, race, disability, ethnic or social origin, or any other legally protected status. We particularly encourage applications from groups that are underrepresented in computer science. We welcome applications from dual-career couples and will do our best to try and accommodate their needs.

The initial tenure-track appointment is for six years. A permanent contract can be awarded upon a successful tenure evaluation in the sixth year.

Mississippi State University

Assistant Professor, Associate Professor, or Professor

The Department of Computer Science and Engineering (*http://www.cse.msstate.edu*) is seeking one new tenure-track faculty member at the rank of Assistant Professor, Associate Professor, or Professor. For candidates at the Assistant and Associate Professor levels, evidence of strong potential for excellence in research and teaching at the graduate and undergraduate levels is required. For candidates at the Professor level, evidence of demonstrated excellence in research and teaching at the graduate and undergraduate levels is expected. Exceptional candidates in all areas will be considered, and we especially welcome applicants conducting research and teaching in Cyber Security, Wireless Networks, Cloud Security, Industrial Control Systems Security, Accreditation, Authorizations and Risk Assessment processes.

Mississippi State University is a comprehensive land-grant institution with over 22,000 students and 1,300 faculty members. The university is designated as both an R1-Very High Research Activity Doctoral University under the Carnegie Classification, and also a National Center of Academic Excellence in Cyber Operations, Cyber Defense Research and Cyber Defense Education by the National Security Agency. The Department of Computer Science and Engineering offers a B.S. in Computer Science, Software Engineering, Cybersecurity and Computer Engineering. It also offers an M.S. in Computer Science and Cyber Security and Operations, and a Ph.D. in Computer Science. In the last fiscal year, the department's research expenditures totaled over 7 million dollars.

Candidates for this position are expected to hold a Ph.D. in Computer Science or closely related field (ABDs may be considered). Rank will be commensurate with experience and qualifications. Preferred qualifications include teaching and research experience, a substantial record of peer-review publications, and demonstrated ability to secure external funding. However, recent graduates with exceptional academic credentials are encouraged to apply.

Candidates must apply at *https://explore.msujobs.msstate.edu/cw/en-us/job/506635* and attach a cover letter, curriculum vitae, names and contact information for at least three professional references, and a statement (limited to three pages) that describes research and educational interests.

Review of applications will begin immediately and will continue until the position is filled.

Equal Employment Opportunity Statement: Mississippi State University is an equal opportunity employer.

Missouri University of Science & Technology

Full/Associate/Assistant Professor

Interested candidates must apply through the respective UMSystem HR ad link on our homepage: *https://cs.mst.edu/* and electronically submit their application consisting of 1) cover letter, 2) current curriculum vitae, 3) research statement, 4) teaching statement, 5) contact information for at least four references. The acceptable electronic format is PDF. Applications will be reviewed as they are received, and the review process will continue until the positions are filled.

For full consideration and early action, applicants must apply by **January 12, 2023.**

For more information, please contact the Search Committee Chair, at *csdept@mst.edu*.

Missouri S&T does not discriminate on the basis of protected classes as defined by the policies of the University of Missouri and applicable state or federal law. These policies shall not be interpreted in such a manner as to violate the legal rights of religious organizations, or the recruiting rights of military organizations associated with the Armed Forces or DHS. S&T participates in E-Verify. For E-Verify information, please contact DHS at: 1-888-464-4218.

New Jersey Institute of Technology

Assistant/Associate Professor

The Informatics Department at the New Jersey Institute of Technology (NJIT) invites applications for tenure-track faculty positions starting in Fall 2024. We are searching broadly across the Information Science/Systems/Technology spectrum, such as in the areas of human-centered computing (HCC), human-computer interaction (HCI), serious/educational gaming, virtual/augmented reality (VR/AR), security, accessibility, health informatics, computer-supported cooperative work (CSCW), and social computing. We aim to hire at the rank of Assistant Professor, but exceptional candidates at higher ranks will also be considered. Candidates with doctorates from top worldwide institutions are especially welcome to apply.

NJIT is a Carnegie R1 Doctoral University (Very High Research Activity). The Informatics Department has 17 tenured/tenure-track faculty, and strong connections with local industry. The Informatics Department is part of the Ying Wu College of Computing (YWCC), alongside the Departments of Computer Science and Data Science. YWCC has an enrollment of 4,000+ students in computing disciplines, and graduates ~1,000 computing professionals every year; as such, it is the largest producer of computing talent in the tri-state (NY, NJ, CT) area.

To formally apply for the position, please submit your application materials at *https://academicjobsonline.org/ajo/jobs/25676*.

Applications received by December 15, 2023 will receive full consideration.

However, applications are welcome until the positions are filled, and will be evaluated as they are received. Contact address for inquiries: *info-facultysearch@njit.edu*.

As an EEO employer NJIT is committed to building a diverse and inclusive teaching, research, and working environment and strongly encourages applications from individuals with disabilities, minorities, veterans, and women.

Diversity is a core value of NJIT, and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff, and students. Building a robust and diverse community is critical to NJIT's continuing status as a premier institution of higher education and a leading polytechnic university.

New Mexico State University

Position Title: Assistant Professor of Computer Science

Employee Classification: LC Faculty TT/TN 9m

College/Division: Arts and Sciences College

Department: 330500-COMPUTER SCIENCE

Internal or External Search:
External - Open to all applicants

Location: Las Cruces

Offsite Location (if applicable):

Target Hourly/Salary Rate:
Commensurate, competitive, etc.

Appointment Full-time Equivalency: 1.0

Exempt or Non-Exempt: Exempt

Summary: The Computer Science Department at New Mexico State University invites applications for a tenure-track positions at the Assistant Professor level, with appointment starting in Fall 2024 semester.

Classification Summary:

The Computer Science Department at New Mexico State University invites applications for a tenure-track position at the Assistant Professor level, with appointment starting in Fall 2024.

The CS department has BS/MS/PhD degree programs in CS and a BS program in Cybersecurity. The department has close to 500 undergraduate, over 100 graduate students, and 15 faculty, and has a vibrant research environment with research strengths in the areas of artificial intelligence, data science, cybersecurity, and human-computer interaction. The department is home to two NSF funded research centers in smart grid. The chosen candidates will join a research active faculty funded by diverse federal agencies (NSF, DoD, DoE, NASA, Dept. of Education, and national labs). The faculty in the department are recent recipients of the prestigious NSF NRT, RINGS, CRI/ERI, IIS, and CAREER awards. The research expenditure of the department is in the top 30 in the nation among CS departments not part of a college of engineering (American Society for Engineering Education). The department is ranked in CSrankings.org in several areas.

Classification Standard Duties:

The expected workload includes teaching, scholarly activity/research, and service and/or outreach.

Required Education, Experience,

Certification/License, Equivalency Candidates must have completed a Ph.D. by the time of their appointment and have a strong commitment to both research and teaching.

Knowledge, Skills and Abilities

We are seeking strong candidates with research expertise in Artificial Intelligence that can effectively complement the research foci of the department, especially in artificial intelligence, HCI, and data science. Exceptional candidates with strong background in other areas of Computer Science will also be considered.

Job Duties and Responsibilities

The Computer Science Department at New Mexico State University invites applications for a tenure-track positions at the Assistant Professor level, with appointment starting in Fall 2024 semester.

A completed application will include a letter of interest, a statement of teaching and research philosophy, a curriculum vitae, copies of transcripts, and three professional references.

Preferred Qualifications

Special Requirements of the Position

Department Contact: Dr. Son Tran, 575-646-1930, *stran@nmsu.edu*

Contingent Upon Funding:
Not Applicable

Bargaining Unit Eligibility: This is NOT a bargaining unit position with American Federation of State, County & Municipal Employees (AFSCME).

Standard Work Schedule:
Standard (M-F, 8-5)

If Not a Standard Work Schedule:

Working Conditions and Physical Effort

Environment: Work is normally performed in a typical interior/office work environment.

Physical Effort: No or very limited physical effort required.

Lifting Requirements: Requires handling of average-weight objects up to 10 pounds or some standing or walking.

Risk: No or very limited exposure to physical risk.

Link to Apply: *http://careers.nmsu.edu/cw/en-us/job/498844*

Job Posting Close Date: November 25, 2023.

NYU Shanghai

Director, Center of Artificial Intelligence and Deep Learning

NYU Shanghai is currently inviting applications for a position at the rank of associate or full professor for the position of Director of the Shanghai Frontiers Science Center of Artificial Intelligence and Deep Learning.

The Shanghai Frontiers Science Center of Artificial Intelligence and Deep Learning is a newly founded center, supported by an external sponsored grant. It is dedicated to interdisciplinary research in the field of artificial intelligence and deep learning, and fully explores the mathematical foundation behind artificial intelligence by intersecting with mathematics, physics, chemistry and other disciplines. The Center has twenty faculty and an associated training program.

The Director will work with senior leadership to develop and implement a research and training strategy for the center, building visibility and a reputation for the center. Located in Shanghai, the Director will report to the Dean of Computer Science, Data Science, and Engineering, who in turn reports to the University's Provost. Due to its interdisciplinary and funding nature, the Director also will have the opportunity to engage in initiatives that traverse the University and the NYU network.

The duties include:

- Building vibrant research programs in related areas by developing strong and interdisciplinary collaborations externally and across the different schools at the University;

- Serving on relevant committees, contributing to successful recruitment and onboard of researchers, and participating in other initiatives relevant to the Center;

- Building a strong training program for the next generation of top scholars, including leading, mentoring, evaluating, and recruiting a talent pool of scholars and students.

- Developing a collaborative network with external partners, and securing resources for the Center with a broad set of external funders;

- Overseeing budget planning and spending, organizing center evaluation and assessment. The Director maintains regular and productive interactions with the main Sponsor.

Terms of employment at NYU Shanghai are comparable to NYU New York and other U.S. institutions with respect to research start-up funds and compensation, and they include housing subsidies and educational subsidies for children. Faculty may in certain cases have the opportunity to spend time at NYU New York and other sites of the NYU Global Network, engaging in both research and teaching.

Qualifications

We seek qualified candidates who will bring their experience, energy and vision in building a center of excellence in interdisciplinary research, international collaboration and in training.

Required qualifications include:

- A Ph.D. in Computer Science, Data Science, Mathematics or a closely related discipline.

- Academic and disciplinary distinction suitable for appointment as a tenured associate or full professor

- A strong track record of funding and of fostering research productivity in related areas

- Demonstrated international experience and excellent interpersonal and communication skills with the ability to build effective partnerships and successful collaborations with faculty and external partners

Preferred qualifications include:

- National profile and relationships in the related fields, including academic, funding and industry partners

- Prior experience leading a new center or equivalent initiatives

- A deep understanding of and experience in research, preferably including inter-disciplinary research

- Record of excellence in research and training

Application Instructions

Applicants should submit a cover letter, curriculum vitae, statement of research, statement of teaching interests, and at least one writing sample via Interfolio. Additionally, applicants will be prompted to enter the names and email addresses of at least three referees (candidates at Associate Professor rank). Each referee will be contacted to upload a reference letter through Interfolio.

Applications may be received until June 30, 2024. Review of applications will begin on January 1, 2024 and will continue until the position is filled.

To apply, follow this link: *https://apply.interfolio.com/136213*. If you have any questions, please email the NYU Shanghai NY Office of Faculty Recruitment *shanghai.faculty.recruitment@nyu.edu*.

For more information about NYU Shanghai, please visit our website at *https://shanghai.nyu.edu*.

For people in the EU, click here for information on your privacy rights under GDPR: *www.nyu.edu/it/gdpr*.

NYU Shanghai is an equal-opportunity employer committed to equity, diversity, and social inclusion. We strongly encourage applications from under-represented individuals in the profession, across color, creed, race, ethnic and national origin, physical ability, and gender and sexual identity. NYU Shanghai affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach.

NYU Shanghai

Tenured/Tenure-Track Positions in Computer Science

NYU Shanghai invites applications for Tenured or Tenure-Track positions in Computer Science. The search is open-rank, and outstanding candidates at all levels are encouraged to apply. We seek candidates who have completed a Ph.D.

in Computer Science or a closely related discipline. We are especially interested in candidates pursuing systems-oriented research in Security and Privacy, Robotics, Distributed Computing, Data Analysis and Management, Computer Vision, Human-Computer Interaction (HCI), Programming Languages, and Computer Architecture.

To apply, please follow this link *https://apply.interfolio.com/116511*.

For more information about NYU Shanghai, please visit our website at *https://shanghai.nyu.edu*.

NYU Tandon School of Engineering

Tenure-Track Positions in Computer Science and Engineering, Fall 2024

The Department of Computer Science and Engineering (CSE) at the NYU Tandon School of Engineering (NYU Tandon) invites applications for multiple tenure-track positions at the level of Assistant, Associate, or Full Professor with an anticipated start date of September 1, 2024.

We seek strong candidates working in a broad set of research areas within computer science. Areas of focus for this search are: visualization and data engineering; cybersecurity (especially in the areas of Emerging Media, Health, Sustainability, Systems, and Responsible Technology); and theory with applications to other research areas (e.g., Theory + Responsible Computing, Theory + Data Management, Theory + Scientific Computing, etc.).

We will review applications beginning on January 2, 2024, and will continue until the position is filled. We encourage you to submit early.

NYU is an Equal Opportunity Employer. NYU Tandon is committed to substantially increase the proportion of our faculty from historically underrepresented groups in STEM and we encourage candidates from such groups to apply.

In compliance with NYC's Pay Transparency Act, the annual salary range is $125,000 - $195,000 for the Faculty Fellowship position.

Please visit *Interfolio* for additional information and to submit your application.

NYU Tandon School of Engineering

Tenure-Track Positions in Computer Science and Engineering, Fall 2024

The Department of Computer Science and Engineering (CSE) at the NYU Tandon School of Engineering (NYU Tandon) invites applications for multiple tenure-track positions at the level of Assistant, Associate, or Full Professor with an anticipated start date of September 1, 2024.

We seek strong candidates working in a broad set of research areas within computer science. Areas of focus for this search are: visualization and data engineering; cybersecurity (especially in the areas of Emerging Media, Health, Sustainability, Systems, and Responsible Technology); and theory with applications to other research areas (e.g., Theory + Responsible Computing,

Theory + Data Management, Theory + Scientific Computing, etc.).

We will review applications beginning on January 2, 2024, and will continue until the position is filled. We encourage you to submit early.

NYU is an Equal Opportunity Employer. NYU Tandon is committed to substantially increase the proportion of our faculty from historically underrepresented groups in STEM and we encourage candidates from such groups to apply.

In compliance with NYC's Pay Transparency Act, the annual salary range is $125,000 - $195,000 for the Faculty Fellowship position.

Please visit *Interfolio* for additional information and to submit your application.

New York University Faculty of Arts and Science and Courant Institute

Departments of Computer Science and Physics
Tenure-Track Faculty Position in Computational Quantum Sciences

The Departments of Computer Science (Courant Institute) and Physics (Faculty of Arts and Science) of New York University invite applications for a position in the general area of computational quantum sciences with a goal towards developing algorithms for quantum computation and/or simulation of complex quantum systems.

The position is a 50-50 joint appointment between the NYU Courant Computer

Science and FAS Physics departments, with the appointee spending half of their effort in each place. The opening is at the tenure track Assistant Professor level, although more senior candidates may be considered in exceptional circumstances. Successful candidates will have a Ph.D in physics, computer science or a related discipline and one or more years of postdoctoral research experience is desirable. Candidates are expected to establish a leading research program in their field, as well as teach at the undergraduate and graduate levels. The appointment can begin as early as September 1, 2024, pending administrative and budgetary approval.

More information about NYU Computer Science and Physics Department's research programs can be found at *http://cs.nyu.edu* and *http://physics.as.nyu.edu* respectively.

Interested candidates should apply online at *http://apply.interfolio.com/136685* with

1. a curriculum vitae including a list of publications,

2. a research statement, highlighting current and planned research activities,

3. a teaching statement,

4. the names of three references, and

5. a cover letter applying for the position. Because diversity and inclusion are an important part of the NYU mission, candidates should include a paragraph in their cover letter indicating how diversity and inclusion figure into their past, present, and future teaching,

research, and community engagement. (Additional information can be found here:*https://as.nyu.edu/departments/facultydiversity/recruitment/diversity-statements.html*)

Review of applications will begin on January 1, 2024.

NYU is an Equal Opportunity Employer and is committed to a policy of equal treatment and opportunity in every aspect of its recruitment and hiring process without regard to age, alienage, caregiver status, childbirth, citizenship status, color, creed, disability, domestic violence victim status, ethnicity, familial status, gender and/or gender identity or expression, marital status, military status, national origin, parental status, partnership status, predisposing genetic characteristics, pregnancy, race, religion, reproductive health decision making, sex, sexual orientation, unemployment status, veteran status, or any other legally protected basis. Women, racial and ethnic minorities, persons of minority sexual orientation or gender identity, individuals with disabilities, and veterans are encouraged to apply for vacant positions at all levels.

Sustainability Statement:

NYU aims to be among the greenest urban campuses in the country and carbon neutral by 2040. Learn more at *nyu.edu/sustainability*

Pay Transparency Statement In compliance with NYC's Pay Transparency Act, the annual base salary range for this position is $120,000 - $180,000. New York University considers factors such as (but not limited to) the scope and

responsibilities of the position, the candidate's work experience, education/training, key skills, internal peer equity, as well as market and organizational considerations when extending an offer.

New York University

Tandon CSE Faculty Fellowship Position

The *Department of Computer Science and Engineering at the Tandon School of Engineering* (Tandon CSE) at New York University is seeking to fill multiple Faculty Fellow positions, starting in Fall 2024. The Faculty Fellowship Program aims to attract and support young scholars and educators from diverse backgrounds, and with research interests and expertise that span a wide range of computer science areas. Applicants are required to hold a PhD in Computer Science or related discipline.

The program provides Faculty Fellows with mentoring, professional development, and academic networking opportunities, to prepare them for faculty positions in computer science at top universities. Faculty Fellows will do research, both independently and with a Tandon CSE faculty mentor. They will teach 1 course per semester. The initial appointment is for one year, beginning in September 2024, and is renewable for a second year.

Fellowship benefits include an annual housing allowance and an allowance for research expenses.

We will review applications beginning on January 2, 2024, and will continue until the position is filled. We encourage you to submit early.

NYU is an Equal Opportunity Employer. NYU Tandon is committed to substantially increase the proportion of our faculty from historically underrepresented groups in STEM and we encourage candidates from such groups to apply.

In compliance with NYC's Pay Transparency Act, the annual salary range is $100,000 - $120,000 for the Faculty Fellowship position. New York University considers factors such as (but not limited to) scope and responsibilities of the position, candidate's work experience, education/training, key skills, internal peer equity, as well as market and organizational considerations when extending an offer.

See *Interfolio* for additional information and to submit your application.

Norfolk State University

Tenure-Track Assistant Professor-Computer Science

The Department of Computer Science at Norfolk State University (NSU) seeks applicants for 2 Tenure-Track Assistant Professor Positions-Computer Science (CS) to begin Fall 2024, applicant reviews begin January 15 until filled.

NSU is a comprehensive urban public, doctoral-granting institution of 6,000 students in 30+ UG programs, top-ranked HBCU, nationally recognized STEM programs accredited by the Computing Accreditation Commission of ABET, and garners over $20M in annual grant expenditures. NSU is recognized by NSA/DHS as a National Center of Academic Excellence in Cyber Defense.

Select the link to apply,

https://www.jobs.virginia.gov/jobs/ad4b2489-5ee4-43f4-a8e3-38f238406b53

North Carolina State University

Faculty Position - Tenured/Tenure-Track Faculty Positions in Cyber-Physical Systems

The Department of Computer Science at North Carolina State University (NCSU) invites applications for one or more Tenured/Tenure-Track Faculty Positions, with an expected (but flexible) start date of August 16, 2024. Applicants at all ranks (Assistant, Associate, or Full Professor) will be considered.

Candidates must work in the area of Cyber-Physical Systems, with a particular emphasis on robotics, aerial and ground autonomous vehicles, and control systems.

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

The Department, part of NC State's College of Engineering, is one of the largest and oldest in the country. The department's research expenditures and recognition have been growing steadily. For example, we have one of the largest concentrations in the country of prestigious NSF Early Career Award winners (35 of our current

or former faculty have received one). Further, we are widely recognized as a highly diverse department, having one of the highest numbers of female tenure track faculty in a computer science department in the country.

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

Applications will be reviewed as they are received, with reviews beginning 15 days after this advertisement is posted and continuing as long as the positions are open. Applications before 12/20/2023 will receive full consideration for an August 2024 start, but the review will continue until the positions are filled. The positions will remain open until suitable candidates have been identified.

Applicants should submit the following materials online at *https://jobs.ncsu. edu/postings/193040* (reference position number - 00109211) cover letter; curriculum vitae; research statement; teaching statement; and names, affiliations, and professional email addresses of at least three references. Candidates can obtain

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

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.

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

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates will be required to have their degree verified at *www.wes.org*. Degree must be obtained prior to start date.

NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

North Carolina State University

Faculty Position - Tenured/Tenure-Track Faculty Positions in Digital Transformation of Education

The Department of Computer Science at North Carolina State University (NCSU) invites applications for one or more Tenured/Tenure-Track Faculty Positions, with an expected (but flexible) start date of August 16, 2024. Applicants at all ranks (Assistant, Associate, or Full Professor) will be considered.

Candidates must work in the area of the digital transformation of education, with a particular emphasis on artificial intelligence in education including large language models; novel digital technologies for education including augmented reality, virtual reality and mixed reality; and human computer interaction focused on educational technologies.

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

The Department, part of NC State's College of Engineering, is one of the largest and oldest in the country. The department's research expenditures and recognition have been growing steadily. For example, we have one of the largest concentrations in the country of prestigious NSF Early Career Award winners (35 of our current

or former faculty have received one). Further, we are widely recognized as a highly diverse department, having one of the highest numbers of female tenure track faculty in a computer science department in the country.

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

Applications will be reviewed as they are received, with reviews beginning 15 days after this advertisement is posted and continuing as long as the positions are open. Applications filed before 12/20/2023 will receive full consideration for an August 2024 start, but the review will continue until the positions are filled. The positions will remain open until suitable candidates have been identified.

Applicants should submit the following materials online at *https://jobs.ncsu. edu/postings/193045* (reference position number - 00103887) cover letter; curriculum vitae; research statement; teaching statement; and names, affiliations, and professional email addresses of at least three references. Candidates can obtain

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

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.

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

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates will be required to have their degree verified at *www.wes.org*. Degree must be obtained prior to start date.

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Northeastern University-Khoury College of Computer Sciences

Assistant Teaching Professor/Associate Teaching Professor/Full Teaching Professor

The *Khoury College of Computer Sciences* at Northeastern University is looking for passionate teacher-scholars to join our faculty. Khoury College is a fun, dynamic environment with great colleagues who are deeply committed to fostering a diverse and inclusive learning environment and to generating diversity of thought and broadening participation in the field of computing.

Teaching, building relationships with students, and service to the college & university are all integral components of the position. Additionally, Khoury College supports teaching faculty who choose to pursue impactful activities beyond these responsibilities, including research & scholarship, diversity initiatives, and outreach to the local community.

We have a variety of full-time, teaching-track positions available across our campuses in Arlington, VA; Boston, MA; Miami, FL; Portland, ME; Seattle, WA; Bay Area, CA; and Vancouver, Canada, as well as our Online "campus."

Full descriptions of all positions and instructions for applying can be found on our open faculty positions page: *https://www.khoury.northeastern.edu/information-for-overview/prospective-faculty/open-positions/teaching-faculty/*

Professional Opportunities

Northern Illinois University

Assistant Professor of Computer Science (Multiple Tenure-Track Positions) – EXTENDED SEARCH; NO PRIORITY DATE

Department of Computer Science – College of Liberal Arts & Sciences

The Computer Science Department at Northern Illinois University (NIU) invites applicants to tenure-track faculty appointments, preferably in Artificial Intelligence, Machine Learning, or Data Science, at the Assistant Professor rank to start in August 2024.

The University: NIU values diversity, equity, and inclusion (DEI). We expect candidates to equally value these principles and to serve as active participants and allies in working toward DEI initiatives.

NIU is a public research university in DeKalb, IL, an affordable and growing community within a commutable distance from Chicago and Rockford metropolitan areas and less than an hour's drive from two of the U.S. Department of Energy's (DOE) national laboratories Argonne National Laboratory and the Fermi National Accelerator Laboratory. Our 16,000+ student body is diverse, with many first-generation, racially, and culturally diverse students and international students from 73 countries. NIU prides itself on student-centered approaches to teaching and research and has social mobility, equity, and inclusion at the heart of its mission. Recently, NIU was nationally recognized as a top college for diversity and LGBTQ+ students and has been named one of the Great Colleges to Work For two years in a row.

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

The Department: The Department of Computer Science is vibrant and experiencing significant growth. It offers B.S., M.S., and Ph.D. degree programs in Computer Science, with over 750 undergraduate majors and 200 graduate students. Support for faculty research programs comes from industry and prestigious agencies such as the National Science Foundation, National Institutes of Health, and U.S. Departments of Energy and Defense. Our faculty and students benefit from collaborations with research staff from industry and the nearby DOE laboratories, Argonne and Fermilab. The Department values faculty research programs that enlist graduate and undergraduate students and supports such programs with commensurate teaching assignments.

Position Summary and Responsibilities:

The Assistant Professor will work within various areas of Computer Science. Responsibilities include teaching undergraduate and graduate courses in Computer Science, scholarship, acquiring external funding, curriculum development, mentoring students, and service. The Assistant Professor will lead Ph.D. dissertations and M.S. theses and guide undergraduate students in research projects and capstones.

Minimum Required Qualifications:

- Must have or expect to complete a Ph.D. or equivalent degree in computer science or related field by August 16, 2024;

- Must have expertise or evident potential for quality teaching in computer science at both the undergraduate and graduate levels;

- Must show evidence of, or potential for, publishing in premier peer-reviewed scholarly venues, developing an independent line of research, and securing external funding.

Additional Requirements:

Must have effective interpersonal communication skills and a commitment to working effectively in a collegial, multicultural environment.

Preferred Qualifications:

- Candidates from all research areas are welcome, but preference will be given to candidates with expertise in Artificial Intelligence, Machine Learning, or Data Science in alignment with the department's research vision and the President's University Research Goals;

- Candidates who have experience working in settings with students from diverse cultural backgrounds and who possess a commitment to improving their access to higher education and achievement.

Salary:

Commensurate with experience and qualifications. Position includes a robust *benefits package*.

Application Procedures:

Prospective applicants should visit the *NIU Job Posting* to apply and submit the following materials:

- Curriculum vitae (no page limit)
  - » Should include links to professional website(s) and profiles on platforms such as Google Scholar, ResearchGate, DBLP, or similar
- Cover letter (2 page limit)
  - » Should describe the applicant's interest in the position and how the applicant's expertise links to the department's research and teaching missions
- Research statement (3 page limit)
  - » Should articulate current and proposed research topics, settings or application areas, and potential funding sources
- Teaching statement (2 page limit)
  - » Should describe the applicant's undergraduate and graduate teaching interests and (both existing and future courses) and experiences in conveying the candidate's understanding of evidence-based teaching practices
- Contributions to diversity statement (2 page limit)
  - » Should describe how their past, present or potential teaching, research, and life experiences will inform their efforts to advance equity for diverse communities, including populations that are historically underrepresented or marginalized in the field, to provide a welcoming, inclusive learning environment for all students

Background check/EEO statement:

In compliance with the Illinois Campus Security Act, before an offer of employment is made, the university will conduct a pre-employment background investigation, which includes a criminal background check. In accordance with applicable statutes and regulations, NIU is an Affirmative Action/Equal Employment Opportunity employer and does not discriminate on the basis of race, color, national origin, ancestry, sex, religion, age, physical and mental disability, marital status, veteran status, sexual orientation, gender identity, gender expression, political affiliation, or any other factor unrelated to professional qualifications, and will comply with all applicable federal and state statutes, regulations and orders pertaining to nondiscrimination, equal opportunity and affirmative action. NIU recognizes Dual Career issues. In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire.

Northern Kentucky University

Multiple Faculty Positions – School of Computing and Analytics

The **School of Computing and Analytics (SCA) at Northern Kentucky University** (*http://nku.edu/sca*) is actively seeking applications for multiple tenure-track positions at the Assistant Professor level, scheduled to commence in the Fall of 2024.

SCA provides 8 bachelor programs and 3 master programs, catering to a student body of over 1150 individuals. Among its 36 full-time faculty members, 26 hold tenured or tenure-track positions.

Prospective candidates with a primary emphasis on **cybersecurity, information technology**, and related fields are encouraged to access this link: *https://jobs.nku.edu/postings/13477*

Prospective candidates with a primary emphasis on **computer science, software engineering**, and related fields are encouraged to access this link: *https://jobs.nku.edu/postings/13476*

Prospective candidates with a primary emphasis on **information systems, business analytics**, and related fields are encouraged to access this link: *https://jobs.nku.edu/postings/13385*

Applications will be accepted until positions are filled.

Northwestern University

Assistant Professor of Computer Science

Northwestern University continues its ambitious initiative to grow and transform Computer Science (CS) [*http://www.northwestern.edu/newscenter/stories/2016/06/major-expansion-in-computer-science.html*]. The Computer Science department is in the midst of adding twenty new tenure-track faculty in core Computer Science and collaboratively with other disciplines (CS + X), as well as a number of non-tenure-track teaching faculty. We seek outstanding candidates

who are excited by the opportunity to help build the future of CS at a world-class university. Northwestern is a leading R1 university comprising a number of highly ranking schools that provide extraordinary opportunities for collaboration across a wide range of disciplines. Located in beautiful Evanston, on the shores of lake Michigan, just outside the diverse and culturally vibrant city of Chicago, Northwestern faculty have ample opportunities to connect with the city's growing technology sector.

We invite candidates to apply for new positions as **Assistant Professor of Computer Science**. We are interested in applications from outstanding candidates in all areas of Computer Science. The department is especially interested in growing in computational photography, computer vision, machine learning, parallel systems, and theoretical computer science.

We also encourage applicants to CS + X faculty positions jointly with other schools or departments at Northwestern, for individuals and teams exploring new research boundaries in computation. In the last few years, we have hired jointly with Preventive Medicine, Statistics, Learning Sciences, Physical Medicine and Rehabilitation, Mechanical Engineering, Economics, Communication Studies, Journalism, and the Segal Design Institute, and we remain committed to interdisciplinary research leveraging Northwestern's unique strengths and world-class schools in many areas. Priority in all areas will be given to applicants with path-breaking research interests that have the potential to

transform both Computer Science and other disciplines.

We encourage candidates to send their applications as soon as possible. Applications received by **December 10, 2023** will be given full consideration, but we may invite candidates for interviews starting November. The positions will remain open until filled. Applications received after December 10, 2023 will be considered on a rolling basis.

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

Northwestern University

Tenured Professor of Computer Science, Ginni Rometty Chair

Northwestern University continues its ambitious initiative to grow and transform Computer Science (CS) [*http://www.northwestern.edu/newscenter/stories/2016/06/major-expansion-in-computer-science.html*]. The Computer Science department is in the midst of

adding twenty new tenure-track faculty in core Computer Science and collaboratively with other disciplines (CS + X), as well as a number of non-tenure-track teaching faculty. We seek outstanding candidates who are excited by the opportunity to help build the future of CS at a world-class university. Northwestern is a leading R1 university comprising a number of highly ranking schools that provide extraordinary opportunities for collaboration across a wide range of disciplines. Located in beautiful Evanston, on the shores of lake Michigan, just outside the diverse and culturally vibrant city of Chicago, Northwestern faculty have ample opportunities to connect with the city's growing technology sector.

We invite senior candidates to apply for a new position as **Tenured Professor of Computer Science, Ginni Rometty Chair.** *https://www.mccormick.northwestern.edu/news/articles/2021/11/Ibm-honors-ginni-rometty-with-five-million-dollar-gift-to-her-alma-mater/*

We are interested in applications from outstanding candidates in all areas of Computer Science with preference for expertise in Artificial Intelligence and Machine Learning.

We encourage candidates to send their applications as soon as possible. Applications received by **December 10, 2023** will be given full consideration. The department may take early action on applications starting early November. However, the positions will remain open until filled. Applications received after December 10, 2023 will be considered on a rolling basis.

Applicants should submit (1) a cover letter indicating the rank applied for, (2) a curriculum vitae, (3) three to five letters of reference, (4) a statement of research interests, (5) a statement of teaching philosophy, (6) a diversity statement that addresses how the candidate contributes to diverse excellence, and (7) two representative publications. Application instructions can be found at *https://www.mccormick.northwestern.edu/computer-science/resources/careers-computer-science.html*.

For general questions about the search or application assistance post submission, contact *faculty-search@cs.northwestern.edu*.

Northwestern University

Computer Science Assistant Professor Of Instruction/Lecturer positions

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

renewable position; initial appointment terms are 3-5 years at the Assistant Professor rank. Our goal is to help new faculty to build lasting and meaningful careers within a supportive community that values teaching and learning.

To be eligible for the Assistant Professor of Instruction position, applicants should have earned a Ph.D. in Computer Science or a closely related field. For the Lecturer position, a Masters in Computer Science and a strong, demonstrable track record of Computer Science teaching is required. Faculty of Instruction typically teach two courses per term with ample graduate and undergraduate TA support. They are also involved in advising students and in departmental curriculum development.

Applicants should submit:

- A cover letter
- A curriculum vitae
- Three to five letters of reference which can speak to the applicant's teaching abilities
- A statement of teaching philosophy
- A diversity statement that addresses how the candidate contributes to inclusive, accessible, and equitable educational environments.
- Recent teaching evaluations (if available)
- A teaching demonstration video (if available)

We encourage candidates to send applications as soon as possible. We will begin to review applications on October 25, 2023. However, the positions will remain open until filled.

Apply Now: *https://facultyrecruiting.northwestern.edu/apply/MTk3Mg==*

For general questions about the search or application assistance post submission, contact *faculty-search@cs.northwestern.edu*.

Oakland University

Tenure-track Assistant Professors of Computer Science

Job Description:

The Department of Computer Science and Engineering needs to fill three tenure-track assistant professor positions. The department is looking for candidates in the broad area of Artificial Intelligence and Cyber Security, although outstanding candidates in other related areas will also be considered. The position will begin on August 15, 2024. Candidates must show exceptional promise in both research and teaching. Candidates should have an appreciation of and commitment to the value of diversity and work with a diverse faculty and student body.

Minimum Qualifications:

Applicants must have completed a Ph.D. in Computer Science, or a closely related field by the appointment date.

School/College/Dept Summary:

The department offers BS degrees in Computer Science, in Information Technology, in Cyber Security and in Artificial Intelligence; MS degrees in Computer Science, Cybersecurity, in Software Engineering and Information

Technology and In Artificial Intelligence; Ph.D. degrees in Computer Science and Informatics. For information about the department and Oakland University, please visit the respective homepages.

OU Standard:

The University is located on 1,443 acres of scenic land in the cities of Rochester Hills and Auburn Hills in Oakland County, Michigan. The University offers 142 bachelor's degree programs and 138 graduate degree and certificate programs. Academics include programs in the College of Arts and Sciences, School of Business Administration, School of Education and Human Services, School of Engineering and Computer Science, School of Health Sciences, School of Medicine and School of Nursing. As an anchor institution in southeastern Michigan that is dedicated to building ongoing, collaborative relationships, Oakland University embraces community and civic engagement to enhance the lives of its students and positively impact the broader community. Learn more about Oakland University's Mission & Vision and Strategic Plan.

Special Instructions:

Review of applications will begin on December 10, 2023 and continue until the position is filled. Applicants should submit a letter of intent, a statement of research, a statement of teaching, CV, a diversity statement, transcripts (unofficial) and contact information for three references. The diversity statement will describe their interest or efforts in furthering diversity and inclusion e.g., through mentoring,

pedagogy, activism, faculty recruitment/retention, or research on issues related to diversity and social equality. The teaching statement should include a list of undergraduate and graduate courses that the applicant will be willing to teach as well as outlines of two courses that the applicant would like to introduce. Information about the current courses offered by the department is available on the departmental website at *http://www.cse.secs.oakland.edu*.

Link: *https://jobs.oakland.edu/postings/29592*

EEO: Oakland University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

Oklahoma State University

Multiple Professor positions

The Oklahoma State University (OSU) Department of Computer Science is seeking applications for an open-rank, open expertise tenure-track position, and two career-track Teaching Assistant Professor positions (one for the Stillwater campus and one for the Tulsa campus) with a start date of August 2024.

To learn more about the positions and to apply, visit *https://apply.interfolio.com/136112*

The University is located in Stillwater, Oklahoma, a micropolitan community of approximately 49,000 people with high-quality amenities and a comparably low cost of living. In addition to excellent

healthcare, education (public and private primary and secondary schools), and recreational services, the community affords a rich variety of cultural activities typical of a major university environment.

Oklahoma State University is committed to a policy of equal opportunity for all individuals and does not discriminate based on race, religion, age, sex, color, national origin, marital status, sexual orientation, gender identity/expression, disability, or veteran status with regard to employment, educational programs and activities, and/or admissions.

Old Dominion University

Assistant Professors in Computer Science of Data Science or Cybersecurity

The Department of Computer Science at Old Dominion University is seeking full-time tenure track faculty members with expertise in the areas of cybersecurity, AI, machine learning, and related areas. We are especially interested in those who are interdisciplinary, applying their expertise to several other domains. The appointments will be at the Assistant Professor rank with an anticipated start date of July 2024.

Current research areas span a wide range, with established strengths in high performance scientific computing, data science, bioinformatics, parallel mesh generation, real-time medical image computing, web science, mobile computing, cyber-physical systems, and large-scale video analytics. Excellent collaborative research opportunities are

available at ODU's School of Cybersecurity, School of Data Science, and at nearby NASA Langley Research Center, DoE's Thomas Jefferson National Accelerator Facility, National Institute of Aerospace, Eastern Virginia Medical School and Sentara Hospital with state-of-the-art operating room suite for image guided surgery, and the Virginia Modeling Analysis and Simulation Center.

ODU and the College of Sciences are committed to inclusive excellence, recognizing that diversity enhances and enriches our educational mission, employment experience, and community engagement. We seek candidates whose research, teaching, and/or service experiences have prepared them to fulfill our commitment to inclusion.

Minimum Qualifications:

1. A Ph.D. or equivalent in Computer Science or related discipline by the time of appointment.
2. The potential for success in teaching, research, and obtaining external research grants.
3. Ability to obtain external research funding.
4. xpertise in the areas of data science or cybersecurity.

Preferred Qualifications:

Special consideration will be given to candidates demonstrating a potential for collaboration with the current Computer Science faculty or for inter-disciplinary collaboration with other researchers at ODU.

How to Apply:

Interested candidates should visit *https://jobs.odu.edu/postings/19722* to submit:

1. A letter of application;
2. A curriculum vitae;
3. A statement of research activities and future research plans;
4. A statement of teaching philosophy;
5. Unofficial graduate transcripts; and
6. Contact information for four references.

For additional information regarding the position, please contact Search Committee Chair Dr. Desh Ranjan. The review of applications will begin **December 1, 2023**, and the position will remain open until filled.

Old Dominion University

Data Science Faculty (Multiple Openings, Open Rank, Non-Tenure Track/Tenure Track/Tenured)

ODU seeks to hire several faculty members with expertise in the theory, methodology, and application of any area of data science to collectively contribute to the university's School of Data Science programming, starting in Fall 2024.

- Tenure track/tenured (Assistant/Associate/Full) Professors. Faculty with a strong research portfolio are especially encouraged to apply.

- Non-tenure track Lecturers. Faculty with strong teaching portfolios are especially encouraged to apply.

Working with our partners at nearby Thomas Jefferson National Accelerator Laboratory and NASA -Langley Research Center, areas of particular interest include: big data analytics, data mining, data visualization, GIS, scientific machine learning, reinforcement learning, federated learning, foundational models for science, generative models, causality discovery, data privacy and security, and quantum computing.

We also seek data science faculty that will complement ODU's areas of strategic emphasis, including: cybersecurity, coastal resilience, biomedical & health sciences, modeling & simulation, and maritime & supply chain management. Candidates with outstanding publication and grant records will be considered for Centennial Professorships.

All successful applicants must have:

1. A strong vision for their vibrant research programs;
2. Commitments to leadership in data science; and
3. Commitments to excellence and innovation in education.

For more information and to apply, visit *https://jobs.odu.edu/postings/19771*. Application review begins **January 15, 2024**. The positions will remain open until filled.

Old Dominion University is an equal opportunity, affirmative action institution. Minorities, women, veterans, and individuals with disabilities are strongly encouraged to apply.

Professional Opportunities

Old Dominion University

Lecturers in Computer Science (Multiple Openings, Non-Tenure Track)

The Department of Computer Science at Old Dominion University is inviting applicants for multiple Lecturer positions beginning Fall 2024. The successful applicant must be prepared to teach a broad range of undergraduate courses, beginning programming courses in Java and Python, and more advanced courses, particularly in object-oriented techniques and software engineering. An ability to teach data-science, cybersecurity and/or web applications would also be valued. Applicants must be prepared to handle the usual faculty service load. We seek candidates whose research, teaching, and/or service experiences have prepared them to fulfill our commitment to inclusion.

Minimum Qualifications:

1. An M.S. (or equivalent) in Computer Science.

2. Demonstrated preparation for teaching a broad range of undergraduate courses in Computer Science.

Preferred Qualifications:

- A Ph.D. in Computer Science with the accompanying ability or experience to teach graduate courses in Computer Science.

Oregon State University
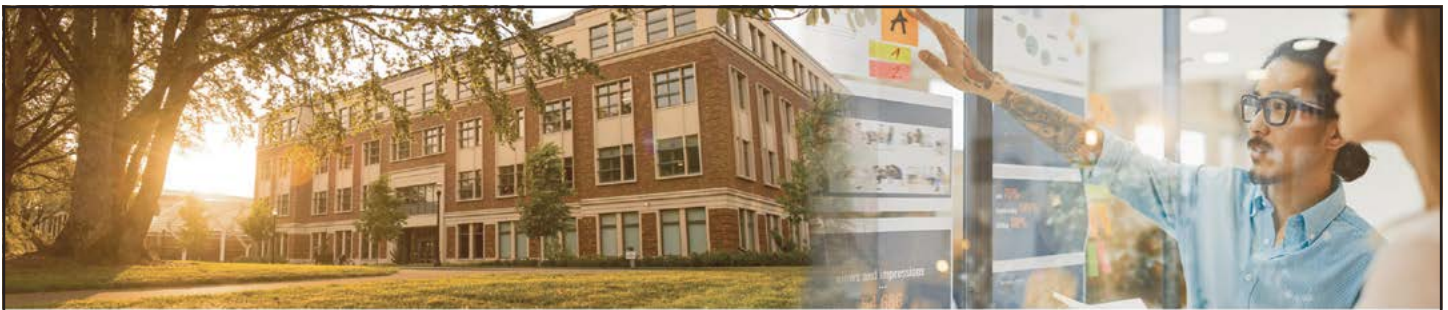
Assistant/Associate/Full Professor
Multiple positions in Software Engineering

The School of Electrical Engineering and Computer Science at Oregon State University invites applications for **multiple full-time, nine-month, tenure-stream faculty positions at all levels.** We seek candidates with expertise in software engineering or closely related areas including high performance computing, software systems, and human-computer interaction, to complement our existing strengths in AI, cybersecurity, and robotics.

The School of EECS is home to …
- World-class faculty: Among our faculty are one National Academy of Engineering member, 24 professional society Fellows, and 29 Young Investigator/CAREER Award recipients.
- Collaborative research centers: EECS faculty are active in the Collaborative Robotics and Intelligent Systems (CoRIS) Institute. The Jen-Hsun and Lori Huang Collaborative Innovation Complex, housing leading supercomputing facilities, is being built following a $200M investment.
- Transformational degree programs: We offer an MS track in Software Innovation, and MS and PhD degrees in Artificial Intelligence. Our online programs are highly ranked, including postbac, BS, MEng, and MS degrees in CS.

Applicants should demonstrate a strong commitment and capacity to initiate newly funded research. They should also aim to enhance and integrate with the current research endeavors within the OSU College of Engineering and other related fields. Additionally, a significant emphasis is placed on the applicants' dedication to providing high-quality education at both undergraduate and graduate levels. An essential part of their role includes mentoring students, with a particular focus on fostering equitable achievements among students from diverse backgrounds and underrepresented identity groups. A fundamental requirement for applicants is to possess a Ph.D. in Computer Science, Electrical and Computer Engineering, or a field closely related to these areas.

Oregon State's strong institutional commitment to diversity and multiculturalism provides a welcoming atmosphere with unique professional opportunities for leaders from underrepresented groups. We are an Affirmative Action/Equal Opportunity employer and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who share our vision of an inclusive community. The College of Engineering ranks high nationally in terms of the percentage of women faculty, and the university actively supports dual-career opportunities.

Oregon State is a land grant institution committed to teaching, research, outreach and engagement. Its strategic plan (https://leadership.oregonstate.edu/strategic-plan) promotes economic, social, cultural, and environmental progress for the people of Oregon, the nation, and the world. To further this mission, the College of Engineering aims to advance high-impact research; ensure excellent student learning; and develop a community that is inclusive, collaborative, diverse, and centered on student success.

OSU is located in Corvallis, OR, in the heart of the Willamette Valley, and is consistently ranked among the best places for work-life balance. It is a bike-friendly town with a riverfront pedestrian area, abundant outdoor activities, and easy driving distance from Portland, the spectacular Pacific coast, and the snow-capped Cascade mountain range.

Apply online at https://apptrkr.com/4817825; Posting #(P07517UF) and include the following:

A letter of interest; CV; a two-page statement of research interests; a one-page statement of teaching interests; a one-page statement on the candidate's experiences with and future plans towards equity and inclusion; and names and contact information for at least three references. For full consideration, apply by January 1, 2024. Screening will continue until all positions are filled or until the posting closing date of June 15, 2024, whichever comes first.

- A history of course development for in person instruction and synchronous and asynchronous distance learning environments.

- Experience with teaching and managing large course sections and courses with formal laboratory components.

- Experience in undergraduate student advising and recruiting is preferred.

- Demonstrated ability to teach data science, cybersecurity, and/or web applications.

How to Apply:

Interested candidates should visit *https://jobs.odu.edu/postings/19746* to submit:

1. A letter of interest;

2. A curriculum vitae;

3. A statement of teaching philosophy that specifically addresses the desired qualities for a successful applicant outlined above;

4. Unofficial graduate transcripts; and

5. Contact information for four professional references.

The review of applications will begin **January 10, 2024**, and the position will remain open until it is filled. Additional inquiries may be directed to Dr. Steve Zeil, Search Committee Chair.

Old Dominion University

Multiple Tenure Track and Non-tenure Track positions in Cybersecurity

The School of Cybersecurity at Old Dominion University invites applications for **one tenure-track/tenured position** at the Assistant or Associate Professor

rank, and **three lecture**r positions to begin in Fall 2024.

The School of Cybersecurity was established in 2020 and houses one of the largest cybersecurity programs in the nation. The school has been designated by NSA and DHS as a National Center of Academic Excellence in Cyber Operations and a National Center of Academic Excellence in Cyber Defense and has been rapidly growing with a total of about 1450 students. ODU is Virginia's forward-focused public doctoral research university, with a top R1 research ranking, rigorous academics, an energetic residential community, and initiatives that contribute $2.6 billion annually to Virginia's economy.

To see more information and apply, visit the links below:

- Tenure-track/tenured position: *https://jobs.odu.edu/postings/19813* (submit by **January 15, 2024** for full consideration)

- Lecturer positions: *https://jobs.odu.edu/postings/19814* (submit **by February 1, 2024** for full consideration)

Old Dominion University is an equal opportunity, affirmative action institution. Minorities, women, veterans, and individuals with disabilities are strongly encouraged to apply.

Oxford Computer Science Faculty Hiring

As part of the *University of Oxford*'s expansion in Computer Science, the Department of *Computer Science* is delighted to announce 4 faculty positions for recruitment in the 2023-2024 academic year (to start on 2 September 2024).

We are looking for outstanding candidates in all areas of Computer Science. All four positions are as Associate Professor or Professor of Computer Science. The University of Oxford uses the grade of Associate Professor for most of its academic appointments. So these posts are suitable for those at the start of their careers directly from PhD, as well as for more established researchers. All four positions come with a Tutorial Fellowship in one of the following Oxford Colleges: Exeter College, Mansfield College, Merton College, or St Catherine's College.

Please follow the link below:

https://my.corehr.com/pls/uoxrecruit/erq_jobspec_version_4.display_form?p_company=10&p_internal_external=E&p_display_in_irish=N&p_process_type=&p_applicant_no=&p_form_profile_detail=&p_display_apply_ind=Y&p_refresh_search=Y&p_recruitment_id=163022

The closing date for applications is **12 noon on 13 December 2023.**

Shortlisted candidates will give research talks online during the period 13-16 February 2024 and will give online teaching presentations during the period 20-23 February.

Interviews will be held in person in the Department at Oxford. It is possible to be shortlisted for multiple colleges, in which case you will have multiple interviews. The interview dates are as follows.

- Mansfield College – 11th March 2024,

- Exeter College – 12th March 2024,

- Merton College – 13th March 2024,

- St Catherine's College – 14th March 2024.

Penn State

Dean, College of Information Sciences and Technology

Penn State is seeking nominations and candidates for the next dean of the College of Information Sciences and Technology. Reporting to the Provost, the dean will provide leadership and vision for the College of IST as it continues to grow and respond to an evolving educational landscape.

A detailed position description can be provided upon request. Nominations and applications will be accepted until the position is filled and interested parties are encouraged to submit applications by January 15, 2024. Applications should include a statement of interest and a resume of professional and educational attainments. All nominations, applications, and inquiries should be submitted electronically in confidence to:

PSU-ISTDean@kornferry.com

Purdue University

Department of Computer and Information Technology

Assistant or Associate Professor of Practice

West Lafayette, Indiana campus

Start Date: Fall 2024

Apply By: Application reviews commence on December 10, 2023, and will continue until we find our perfect match

Purdue University's Department of Computer and Information Technology is excited to invite individuals with a passion for teaching and a commitment for nurturing young minds to be a part of our dynamic team beginning Fall 2024. As we embark on an era of unprecedented technological advancements, we are on the lookout for multiple Assistant or Associate Professors of Practice ready to shape the minds of our next generation. By joining us, you will be at the forefront of a rapidly expanding department, contributing to various domains of computer and information technology. We are particularly interested in individuals who possess expertise in one or more of the following areas:

- Cybersecurity and Cyber Forensics
- Data Analytics, Technologies, and Applications
- Computer and Information Technology
- Computing Infrastructure and Network Engineering Technology
- Computing Systems Analysis and Design

Job Duties

As a vital member of our faculty, you will be entrusted with the responsibility of delivering high-quality lectures, designing interactive labs, creating comprehensive course assessments, and leading a team of dedicated teaching assistants. At Purdue, we believe in fostering a collaborative environment, and you will be an integral part of our vibrant teaching community.

Qualifications

Candidates must have completed a Master's Degree or Ph.D., or expect to complete their Master's Degree or Ph.D. by August 2024, in Computer and Information Technology, Cybersecurity, Computer Science, Computer Engineering, or a closely related field. Prior teaching experience and/or relevant industry experience is preferred.

Compensation

$90,000 - $105,000

Application Process

To join our esteemed faculty, please provide:

- A Cover Letter
- Curriculum Vitae (CV) with three references
- Teaching Statement
- Relevant Publications (optional)

All candidates must apply via SuccessFactors: *https://careers.purdue.edu/job-invite/28886/*

A background check is required for employment in this position.

For any queries, please connect with our search committee co-chairs: Dr. Kathryn Seigfried-Spellar at *kspellar@purdue.edu* or Dr. Byung-Cheol Min at *minb@purdue.edu*.

Affirmative Action

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Purdue University

Faculty Position in Purdue Computes

Purdue University has launched a new major initiative, Purdue Computes (*https://www.purdue.edu/computes/*), consisting of three dimensions (Computing, Physical Artificial Intelligence, and Semiconductors) that will connect faculty and students from across the institution and enable the university to advance to the forefront with unparalleled excellence at scale. As part of this initiative, Computing will add 50 new positions over the next five years. Purdue University's Department of Computer Science and Elmore Family School of Electrical and Computer Engineering are hiring tenure track assistant and associate professors in all areas of Computer Science and Computer Engineering in the Colleges of Science and Engineering.

Purdue Computes offers a stimulating academic environment with active research programs in almost all areas of computing. The departments offer undergraduate programs in Computer Science, Computer Engineering, Data Science, Electrical Engineering, and Artificial Intelligence, as well as graduate MS and PhD programs, including a Professional MS in Information Security. For more information, see *https://www.cs.purdue.edu* and *https://www.ece.purdue.edu*. Opportunities for collaboration exist across the university; faculty have collaborations with every college in the university. Purdue is one of the nation's leading land-grant universities, with an enrollment of over 50,000 students primarily focused on STEM subjects.

While we are hiring in all areas, applications are reviewed across several areas. When applying, please indicate which of the four areas below you feel best fits, even if it does not directly match your interests. Be assured that if we feel another area is a better match, we will consider you for whichever area(s) are most appropriate.

Foundations and Applications of AI

- All areas of Data Science and Machine Learning
- Natural Language Processing and Large Language Models
- Robotics, Autonomy, and Cyber-Physical Systems
- Computer Vision, Image and Signal Processing, and Computer Graphics

Computational Science & Engineering

- Scientific machine learning, AI for science
- Data-intensive scientific simulations
- High-performance computing, combinatorial scientific computing, novel computational architectures
- Bioinformatics, health informatics, and biomedical applications of AI

Systems (Software)

- The interplay between AI, systems, and security & privacy
- OS, networking, wireless networking, databases, and distributed systems
- PL, compilers, software engineering, and automated reasoning
- Algorithms and software for quantum and emerging technologies

Systems (Hardware)

- All aspects of Computer Architecture
- Embedded computing systems and IoT
- System-on-chip design, low-power design, and design automation

Application Process

Applications need to be submitted to this site *https://careers.purdue.edu/job-invite/28792/* and must include (1) a complete curriculum vitae, (2) a statement of research, (3) a statement of teaching, and (4) names and contact information of at least three references. You are advised to ensure that your Google Scholar profile is up to date, although this is not a requirement. You will be asked to indicate which of the four areas above is the most appropriate to review your application and if you wish to be considered for positions in Computer Science, Computer Engineering, or if you would consider either. Applications will be considered beginning December 6, 2023, and will be reviewed until the position is filled. A background check will be required for employment in this position.

Qualifications

Candidates must hold a Ph.D. degree in Computer Science, Electrical Engineering, Computer Engineering, or a related discipline by the employment start date, and demonstrate potential to build an independent research program, as well as the potential to educate and mentor students. A successful candidate will conduct original research, advise graduate

Professional Opportunities

students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels.

Reference Collection

If selected by the committee for a video interview, you will receive an email from *system@successfactors.com* titled "Follow-up to your application." Please follow the instructions in the email to submit your references.

Purdue's main campus is located in West Lafayette, Indiana, a rapidly growing, welcoming, and diverse community with a wide variety of cultural activities, events, and industries. With the new Purdue Indy campus (*https://www.purdue.edu/campuses/indianapolis/*), there may be a long-term opportunity to be based in Indianapolis.

Purdue has a Concierge Program that provides dual career assistance and relocation services.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Purdue University

Research Assistant Professor of Digital Forestry, 12-months non-tenure track

Novel and emerging technologies and new data science approaches are converging to yield exciting capabilities to measure, monitor, and manage forests. The promise and potential of these new methods requires broadly transdisciplinary research and education to advance the understanding and management of forest systems. The Integrated Digital Forestry Initiative (iDiF; *https://ag.purdue.edu/digital-forestry/*) is building on Purdue University's strengths in forestry, engineering, computer science, aviation technology, and other disciplines to realize the potential of recent advances in remote sensing, big data, and artificial intelligence to ensure the productivity and sustainability of our global forests in the 21st century and beyond. The research assistant/associate professors in this cluster hire will complement and extend the research capabilities of iDiF with skills from a broad range of backgrounds.

See *website* for application instructions.

Purdue University

Multiple Senior Faculty Positions

The Departments of Physics & Astronomy, Chemistry, Computer Science, and Mathematics in the College of Science, and the Elmore Family School of Electrical and Computer Engineering in the College of Engineering at Purdue University invite applications for multiple senior faculty positions in Quantum Information Science (QIS) to begin August 2024. These positions will be tenured associate/ full professor level appointments. When appropriate, successful candidates may be considered for joint appointments across Departments or Colleges.

Quantum Information Science is at the frontier of several traditional research disciplines including but not limited to condensed matter physics, atomic, molecular, and optical physics, information theory, pure and applied mathematics, computer science, chemistry, electronics, photonics, and nanotechnologies. QIS strives to harness the defining quantum mechanical properties of superposition and entanglement to provide breakthrough advances for computing, sensing, secure communications, and novel device functionalities. As such, our QIS initiative is part of a large-scale interdisciplinary hiring effort across key strategic areas in Physics and Astronomy, Chemistry, Computer Science, Mathematics, and Electrical and Computer Engineering.

The College of Science is Purdue's second-largest college, comprising the physical, computing, and life sciences. The College of Engineering's Elmore Family School of Electrical and Computer Engineering (ECE) is the largest academic unit at Purdue and the largest ECE department in the US. These new faculty positions come at a time when both Colleges' leaderships have committed to significant investment in QIS. Both Colleges are especially seeking to enhance our existing strengths in research at the interface of physical sciences (Chemistry and Physics) in tandem with Computer Science and Mathematics, and Engineering through strategic hiring of creative scientists and engineers to be part of the cutting-edge interdisciplinary environment at Purdue University, which has recently launched a new major initiative, Purdue Computes, that supports and connects computing,

AI, semiconductors and quantum. The QIS community at Purdue will further benefit from the resources and support in Purdue University's Discovery Park and its interdisciplinary centers, particularly the Purdue Quantum Science and Engineering Institute (PQSEI) and Birck Nanotechnology Center (BNC).

Target Areas

Experimental or theoretical studies in quantum computing, quantum sensing, quantum communication or other areas of quantum science and quantum technologies. Examples of targeted areas of interest include, but are not limited to: Design, modeling, fabrication, and characterization of physical platforms for QIS. Synthesis and novel experimental probes of quantum materials and quantum matter. Quantum and quantum-inspired algorithms and their scientific or practical applications. Quantum related pure and applied mathematics such as quantum invariants, quantum algebra and quantum simulation. Algorithmic foundations and programming paradigms of quantum computing; fault-tolerant quantum computation and error correction; quantum cryptography; quantum information theory.

Qualifications

Candidates must have a PhD in physics, chemistry, computer science, mathematics, engineering, or other closely related field, with demonstrated success leading a vibrant independent research program, as well as a strong commitment to excellence in teaching. Successful candidates are expected to lead a vital and sustainable research program supported by extramural funding and teach courses at the undergraduate and/or graduate level.

The Departments and Colleges:

The College of Science and College of Engineering and their departments and schools have launched initiatives in new emerging areas, and committed the resources necessary to make the new growth impactful. Under the QIS initiative and other related programs, over 12 new faculty members have been hired in the past 3 years in the College of Science and College of Engineering. To learn more please visit departmental websites: *https://www.physics.purdue.edu*, *https://www.chem.purdue.edu*, *https://www.math.purdue.edu*, *https://www.cs.purdue.edu*, *https://engineering.purdue.edu/ECE*.

Purdue itself is one of the nation's leading land-grant universities, with an enrollment of over 49,000 students primarily focused on STEM subjects. For more information, see *https://www.purdue.edu/purduemoves/initiatives/stem/index.php*. The new Purdue Indianapolis campus may bring additional long-term opportunities based in Indianapolis.

Application Procedure

Applications need to be submitted to *https://careers.purdue.edu/job-invite/28723/* and must include (1) a complete curriculum vitae, (2) a list of publications, (3) a statement of present and future research plans (4-page limit), and (4) a statement of teaching philosophy. The candidate should select an intended home department (from Physics and Astronomy, Chemistry, Mathematics, Computer Science, and Electrical and Computer Engineering) for the application (while successful candidates may be later considered for joint appointments involving additional departments when appropriate). In addition, candidates should arrange for at least 3 letters of reference to be sent to *qissearch@purdue.edu*. Questions regarding the positions and search may also be directed to *qissearch@purdue.edu*. Note there is also a concurrent search targeting junior (assistant/associate professor level) appointments *https://careers.purdue.edu/job-invite/28704/*

Applications completed by January 5, 2024 will be given full consideration, although the search will continue until the position is filled. A background check is required for employment in this position.

Purdue University is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Rensselaer Polytechnic Institute

Assistant Professor, Computer Science

The Department of Computer Science at Rensselaer Polytechnic Institute, in Troy, NY, invites applications for a tenure-track position in computer science, in the areas of systems, software and programming languages, quantum computing, algorithmic and theoretical foundations,

and the interrelationships between these areas. Strong applicants in other areas will also be considered.

Rensselaer has invested significant resources into quantum computing. It will be the first university in the world to house on campus IBM's integrated quantum system comprising the 127-qubit "Eagle" quantum processor. Rensselaer also launched the Future of Computing Institute focused on computing paradigms, infrastructure, languages, and software services to solve challenges facing national and global security.

Candidates must have a Ph.D. or equivalent in Computer Science or a related area and must show evidence of research distinction and interest in education. Successful candidates will have duties that include developing and maintaining robust programs of research and scholarship, teaching graduate and undergraduate courses, and service to the department, to Rensselaer, and to the professional community.

Are you ready to change the world? Apply now! Visit: *https://careers. rpi.edu/en-us/job/494188/assistant- professor-computer-science*

Expected hiring range: $110,000- $130,000

The selected candidate's salary will be determined based on factors that include the available budget, internal equity, and the final candidate's qualifications, experience, education and other job- related credentials.

Culture of Safety at Rensselaer

Rensselaer is committed to providing a safe and healthy living, learning, and working environment for its faculty, staff and students. As such, we strongly recommend that faculty, staff and students obtain a COVID-19 vaccination and remain current with available boosters to protect themselves, as well as to protect vulnerable members of the community.

Total Compensation and Benefits Information

Rensselaer's Total Compensation Program is designed to provide stable pay growth, a comprehensive and affordable benefits package, and a comprehensive and affordable retiree medical and prescription plan For more information, please visit *Benefits | Human Resources (rpi. edu)*.

We welcome candidates who will bring diverse cultural, ethnic, national and international perspectives to Rensselaer's work and campus communities.

Rensselaer Polytechnic Institute is an Affirmative Action/Equal Opportunity, Race/Gender/Veterans/Disability Employer.

Rowan University

Lecturer in Computer Science Department

College of Science & Mathematics

The Department of Computer Science at Rowan University, the third fastest growing public research institution as recognized by The Chronicle of Higher Education, invites applications for Lecturer positions to begin September 2024. We seek candidates who are passionate about teaching and mentoring students at the undergraduate level. In addition to teaching responsibilities, successful candidates will be required to make meaningful and substantive service contributions to undergraduate and/or graduate programs, and to their department. Successful candidates will also be expected to participate in professional development to stay current in their content area and in evidence- based instructional approaches.

Lecturers are 10-months full-time, non- tenure track teaching faculty. Successful candidates will teach a total of 24 credits over two semesters, with an option to teach overload and summer classes for additional compensation. Lecturer positions are renewable, with expectations for continuing renewal of two, three, four, and then five years per contract.

Qualifications:

- A master's degree in Computer Science, or closely related discipline, is required; Ph.D. is preferred
- Evidence of excellence in teaching is required and student advising/mentorship experience is preferred.
- Strong interpersonal communication skills highly desired

Main Duties:

- Teach courses as determined by programmatic needs and based on individual expertise

- Provide services to department, college, and university, which may include but are not limited to the following

- Serve on department, college, and/or university-level committees

- Lead/facilitate/support various student-centric programs such as the Learning Assistant program, Peer Mentoring and co-op/internship programs

- Serve as a Faculty Mentor to CS students

- Lead or assist with the Academic Integrity initiative

- Coordinate courses in the program

- Advise for student organizations

- Assist with curricular development

- Assist with industry outreach and invited speaker talks

- Assist students with interview preparation (i.e., resume reviews, conducting mock interviews)

- Lead/assist with the departmental assessment process

- Assist the department with marketing its initiatives, including editing and publishing newsletter, disseminating announcements about various department events, etc.

- Lead/assist with the department entrepreneurial initiatives, helping students commercialize their projects

- Perform other duties at the discretion of the department

The Department of Computer Science is one of six departments in the College of Science & Mathematics and offers the following undergraduate and graduate programs:

- ABET-accredited B.S. and M.S. in Computer Science

- B.A. in Computer and Informatics

- B.A. in Computer Systems Technology

- M.S. in Cybersecurity

- B.S., M.S., and Ph.D. Data Science

Complete applications will include:

1. A letter of application

2. Current detailed CV

3. Statement of teaching philosophy that includes the candidate's commitment to inclusive teaching and mentoring practices

4. Graduate transcripts (unofficial copies acceptable for initial review)

5. Names and contact information for at least three references; confidential letters will be requested if an application is moved forward

Review of applications will commence on October 30, 2023, and continue until suitable candidates have been identified.

Applicants will need to submit the above materials via our online application system at *https://jobs.rowan.edu/en-us/job/498992/lecturer-department-of-computer-science*.

Questions may be directed to *CSsearch_lecturer@rowan.edu*

Rowan University

Tenure-Track Assistant Professor Position(s) in the Department of Computer Science

College of Science & Mathematics

The Department of Computer Science at Rowan University, the third fastest growing public research institution as recognized by The Chronicle of Higher Education, is seeking to hire one or more tenure-track faculty in the rank of Assistant Professor to begin their appointment in September 2024. This search is part of a broader, multi-year faculty hiring initiative across the College of Science & Mathematics.

Outstanding candidates with strong research interests in any area of Computer Science will be considered; the preferred research focus is Cybersecurity, Data Science, and closely related fields.

A Ph.D. in Computer Science, or in a closely-related field, is required. Preference will be given to candidates with a track record and/or potential to establish and sustain a strong research program. The successful candidates are expected to develop and maintain an active, highly visible, extramurally funded research program with outstanding scholarship, teach at the undergraduate and graduate levels, and contribute to the various service endeavors in the Department, College, and University. Opportunities for collaboration exist within the Department, the College of Science & Mathematics, as well as with Cooper Medical School of Rowan

University, Rowan University School of Osteopathic Medicine, Shreiber School of Veterinary Medicine, the Henry M. Rowan College of Engineering, and other colleges at the university.

The Department of Computer Science is one of six departments in the College of Science & Mathematics and offers the following undergraduate and graduate programs:

- ABET-accredited B.S. and M.S. in Computer Science
- B.A. in Computer and Informatics
- B.A. in Computer Systems Technology
- M.S. in Cybersecurity
- B.S., M.S., and Ph.D. Data Science

Complete applications will include:

1. Cover letter
2. Current detailed CV
3. Statement of research interests, including applicant's future research goals
4. Statement of teaching philosophy that includes the candidate's commitment to inclusive teaching and mentoring practices
5. Graduate transcripts (unofficial copies acceptable for initial review)
6. Names and contact information for at least three references; confidential letters will be requested if an application is moved forward

Review of applications will commence on October 16, 2023, and continue until suitable candidates have been identified.

Applicants will need to submit the above materials via our online application system at *https://jobs.rowan.edu/en-us/job/498993/tenuretrack-assistant-professor-positions-department-of-computer-science*

Questions may be directed to *CSsearch@rowan.edu*

Rutgers University

Postdoctoral Associate

DIMACS, the Center for Discrete Mathematics and Theoretical Computer Science, invites applications for postdoctoral associate positions for 2024-26. Applicants should be recent PhDs with interest in DIMACS areas, including computer science, discrete mathematics, statistics, physics, operations research, data science, artificial intelligence, machine learning, and their applications. DIMACS solicits applications for two positions: a two-year postdoctoral associateship in collaboration with the Institute for Advanced Study (IAS) in Princeton, NJ, emphasizing theoretical computer science and discrete mathematics, and a one-year DIMACS postdoc position emphasizing economics & computation and artificial intelligence.

See *https://jobs.rutgers.edu/postings/211404* **for application information.**

Applications are due December 1, 2023, for full consideration.

DIMACS is an EO/AA employer; we believe in fostering a diverse and inclusive workplace.

Rutgers University

Non-Tenure Track Faculty Position

The Department of Computer Science at Rutgers University invites applications for an instructional, non-tenure track position. A PhD degree in Computer Science or related field is required. The teaching faculty position targets Rutgers's instructional needs in the areas of Introductory Topics in Computer Science, Algorithms, Computer Systems, and Data Science. Rutgers has recently launched a new major in Data Science and is committed to teaching excellence at the undergraduate and graduate levels. Depending on experience, suitable candidates will be invited to teach in our Masters programs or to develop and manage applied learning opportunities such as internships.

The appointment will start as early as January 1, 2024, and the length of the contract will be a minimum of one year, and may be longer contingent on the candidate's experience. Reappointments are typically for multiple years. We are searching for an Assistant Teaching Professor, but will consider excellent applications for all ranks, including Associate Teaching Professor, Teaching Professor, and Distinguished Teaching Professor.

Responsibilities include teaching Computer Science undergraduate classes, interviewing and hiring recitation instructors and graders (typically senior undergraduate or Masters students), coordinating and supervising recitation sections, creating exams, homework, and programming assignments, possibly

in collaboration with other instructors, coordinating and supervising grading, and curriculum development. Other duties, such as managing applied learning opportunities such as internships, are also possible depending on experience.

Consideration of candidates will begin immediately and continue until positions are filled. For questions regarding this position please contact: *ntt-hiring@cs.rutgers.edu*

For more information about CS at Rutgers go to *https://cs.rutgers.edu* and for Data Science see *https://mps.rutgers.edu/data-scienc*e

To apply for the position, go to: *https://jobs.rutgers.edu/postings/211853* and submit your CV and contact information for three references.

Rutgers subscribes to the value of academic diversity and encourages applications from individuals with varied experiences, perspectives, and backgrounds. Women, minorities, and persons with disabilities are encouraged to apply. Rutgers is an affirmative action/equal opportunity employer. Offer is contingent upon successful completion of all pre-employment screenings.

Rutgers University

Tenure-Track Positions in Computer Science

The Computer Science Department at Rutgers University, New Brunswick NJ, invites applications for multiple tenure-track/tenured positions at the Assistant Professor and Associate Professor levels. We will consider outstanding candidates at the Professor level as well.

We invite applications from candidates making research contributions in any area of CS, and welcome applicants with interdisciplinary approaches. We are especially interested in Algorithms, Machine Learning and Data Science, High-performance Computing and Scalable Systems, Quantum Computing, and other subfields with broad potential for collaborative impact across the department and the university.

Rutgers is committed to invest significant resources to promote interdisciplinary research and education in Data Science and Artificial Intelligence. CS expects to make one appointment this year as part of a larger interdisciplinary cluster hire at Rutgers. The successful candidate will be expected to contribute to cluster initiatives as well as to Rutgers research and education programs in Data Science, Machine Learning, and AI.

Rutgers CS has a broad portfolio of research, innovation, undergraduate and graduate education, and outreach, with strengths in AI and robotics, foundations of computer science, and systems. Rutgers stands among America's oldest and most diverse public research universities and is the top-ranked public university in the New York/New Jersey metropolitan area.

Fostering diversity and inclusion in computing is part of the department's culture and mission, and the department values faculty efforts to broaden the field through scholarship, teaching, mentoring, and professional service. We welcome applications from all qualified candidates, including those with non-traditional career paths or who have achieved excellence in careers outside academia.

Responsibilities will include research, supervision of Ph.D. students, and teaching undergraduate- and graduate-level courses in Computer Science. Pursuit of external research funding is expected.

Requirements: Successful completion of a Ph.D. in Computer Science or a closely related field is required by the start date.

Timeline: The appointment will start September 1, 2024. Applications received by January 1, 2024, will be given priority.

How to Apply: Applicants should submit their cover letter, CV, a research statement addressing both past and future work, a diversity statement outlining accomplishments and approach for broadening participation in computing, a teaching statement, and contact information for at least three references. For details, including application procedure, please see *https://go.rutgers.edu/CSTTfaculty*

Contact Info: *hiring-committee@cs.rutgers.edu*

Rutgers Policies: Offer is contingent upon successful completion of all pre-employment screenings. Rutgers is an equal opportunity employer: see *http://uhr.rutgers.edu/non-discrimination-statement*

Saint Louis University

Chair, Department of Computer Science

Saint Louis University (SLU) seeks an experienced and innovative leader to serve as Chair of the Department of Computer Science (CS) in the School of Science and Engineering (SSE). SLU is a Jesuit, private urban research university offering undergraduate and graduate programs to more than 15,000 students. CS has been growing exponentially in enrollment and faculty and is poised to be a major contributor to SLU's goal to become a Carnegie 1 research university.

Diversified Search Group is assisting SLU in this search. For more information, visit *https://diversifiedsearchgroup.com/search/20283-sluchaircs*

Saint Louis University is an affirmative action and equal opportunity employer.

San Jose State University

Assist/Assoc Professor (CS/AI/ML/CS-EDU)

The Department of Computer Science

San José State University invites applications for multiple positions as Assistant/Associate Professors for the following areas in Fall 2024. Positions are open until filled.

Computer Science (Deadline 12/8/2023)

Cybersecurity, Operating Systems, Database Management Systems, Computer Architecture, or related areas. *https://jobs.sjsu.edu/en-us/job/533232/assistant-professor-computer-science*

AI/ML (Deadline 12/8/2023)

Artificial Intelligence, Machine Learning, Data Science, or related areas.

https://jobs.sjsu.edu/en-us/job/533216/assistant-or-associate-professor-computer-science-ai-machine-learning

Computer Science Education (Deadline 1/10/2024)

https://jobs.sjsu.edu/en-us/job/533328/assistant-professor-computer-science-education

Santa Clara University

Tenure-Track Assistant Professor of Computer Science and Engineering

Purpose:

The Department of Computer Science & Engineering at Santa Clara University invites applications for five Tenure-Track Assistant Professor positions starting in the 2024-2025 academic year. To complement expertise of current faculty, address areas of strong interest to students, and enhance collaboration opportunities with local industries, the department is particularly interested in candidates with specializations in Software Engineering, Programming languages/Compilers, Computer Architecture, Natural Language Processing, Computer Vision, Computer Security and Privacy, and Responsible AI. However, Silicon Valley is an area of broad and ever-changing technical interests and needs, and strong candidates will be seriously considered regardless of area of specialization.

Santa Clara University (*https://www.scu.edu*) is a comprehensive Jesuit, Catholic university, located in the heart of Silicon Valley. Distinguished by the highest retention rate and has been ranked first among all regional universities in the West by U.S. News and World Report, Santa Clara University is now elevated to a new category in national rankings, "Doctoral/Professional Universities." Santa Clara University's ranking in the 2023 edition of Best Colleges is National Universities, #60. Santa Clara University is California's oldest operating institution of higher-education. The School of Engineering is committed to improving the human condition through engineering education, practice, and scholarship, promoting the University's mission to "fashion a more humane, just and sustainable world."

SCU maintains small class sizes and promotes close faculty/student interaction. The University enrollment is approximately 6,100 undergraduate and 3,000 graduate students. The Department (*https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/*) offers B.S., M.S. and Ph.D. degrees, with 27 full-time faculty, and a strong pool of approximately 20 part-time adjunct faculty who instruct about 480 undergraduate majors, and about 580 part-time and full-time graduate (M.S. and Ph.D.) majors. The School of Engineering maintains strong ties to local industry.

SCU and the computer science and engineering profession are committed to justice, equity, diversity, and inclusion; we seek candidates whose research,

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teaching, and/or service have prepared them to help fulfill these commitments. All SCU faculty engage in teaching, research and service. The ideal candidate will express enthusiasm for teaching lower and upper division undergraduate and graduate courses in areas of specialization, fulfilling all responsibilities related to those courses, and for engaging students from diverse backgrounds in learning. The candidate will demonstrate a passion for developing an active research program appropriate to Santa Clara University's mission that leads to high-quality research publications, research funding applications, and engaging students as participants. Successful candidates will be expected to develop their own scholarly research, mentoring undergraduate and graduate students.

We welcome candidates ready to contribute to our mission to educate citizens and leaders of competence, conscience, and compassion and cultivate knowledge and faith to build a more humane, just, and sustainable world. We especially encourage applicants whose goals and professional or life experiences enrich the department and school community and who can serve as a role model to a diverse student population.

Salary:

$109,080 - $121,131 Based on experience, education, and expertise.

Basic Qualifications:

Applicants must hold a doctorate in computer science, computer engineering, informatics, or in a closely related field;

have demonstrated a strong potential for high-quality research in computing; and have a strong commitment and ability to teach at both the undergraduate and graduate levels.

Responsibilities:

Teaching undergraduate and graduate courses in areas of specialization, and courses of a fundamental/core nature, and fulfilling all responsibilities related to those courses.

The standard academic year course load for tenured and tenure-track positions is seven quarter-level course equivalents, generally with a one-course equivalent reduction for scholarly or creative work. The first-year tenure-track assistant professor is granted an additional one course release. Limited course buyout may be approved using external grant funds.

Course equivalents include lectures and supervision of labs, theses, dissertations, and projects, distributed across three quarters of 10 weeks each. Each quarter is 10 weeks excluding the final exams week.

Developing a research program that leads to high-quality publications, competitive for funding by external sources, and engages students as participants in that research.

Appropriate service to the department, school, university, and profession.

Start Date: 09/01/2024

Open Date: With immediate effect

Close Date: Review of applications will begin on December 15, 2023

Open Until Filled: Yes

Special Instructions to Applicants:

Applicants should upload a letter of application, three statements, a detailed CV, and the names and contact information of three professional references.

All applications MUST include the following required documents:

1. Letter of Interest, with

2. Statement of research interests, statement of teaching interests, and statement of equity, diversity and inclusion (an equity, diversity, and inclusion (EDI) statement describes past, present, and planned contributions to equity, diversity, and/or inclusion in engineering or other areas)

3. Curriculum Vitae

4. Names and contact information of three Professional References

All materials should be submitted online at *https://wd1.myworkdaysite.com/ en-US/recruiting/scu/scu/job/Tenure-Track-Assistant-Professor-of-Computer-Science-and-Engineering_R3995*

Complete application packets received by December 15, 2023 will receive full consideration. However, the position will remain open until filled.

Work Authorization:

A foreign national who is appointed to a tenured or tenure-track faculty position is eligible for sponsorship by Santa Clara University.

EEO Statement:

Equal Opportunity/Notice of Nondiscrimination

Santa Clara University is an equal opportunity/equal access/affirmative

SEATTLEU

Department Chair/Amazon Endowed Chair - Computer Science

Seattle University seeks a highly collaborative **tenure-eligible full Professor** to serve the **Department of Computer Science** as the **Department Chair/Amazon Endowed Chair i**n the **College of Science & Engineering** to begin **July 1, 2024**. The Chair will shepherd the department through a time of continuing student interest and enrollment growth, ensuring that students have an enriching educational experience in the classroom, impactful engagements with local and regionally located global industries, and meaningful advising and research project relationships with faculty.

The Department Chair balances a broad range of administrative and leadership responsibilities. Overseeing the implementation of a strategic vision for CS, the Chair is also responsible for all aspects of faculty hiring and evaluation, curricular planning and scheduling, departmental operations and budgeting, support for teaching, research, and service activities, partnerships across the school, university, and regional industries, and attracting and retaining excellent students from a diverse range of backgrounds.

Leading a faculty of twelve tenured and tenure track faculty, twelve teaching faculty, several adjunct faculty, and four full time staff, the Chair fosters strong community and collaboration within the department. The Department Chair will support the recruitment, development, and retention of talented faculty and students, oversee curricular planning, support faculty scholarship and teaching, envision the strategic role of computer science in the rapid evolution of computing, and advocate for, manage, and allocate resources to meet the demands of computing education today and the future. Other responsibilities include teaching and maintenance of an active program of scholarship.

The Computer Science Department:
https://www.seattleu.edu/scieng/computer-science/ offers undergraduate degrees in Computer Science, a graduate certificate in Computer Science Fundamentals, and a master's degree in computer science with specializations available in Data Science and Software Engineering. The department has strong relationships with many local companies, including leading technology companies.

Founded in 1891, Seattle University is a Jesuit Catholic university located on a beautiful campus of more than 50 acres in the dynamic heart of Seattle. Our diverse and driven population is made up of more than 7,200 students enrolled in undergraduate and graduate programs within six schools and colleges. Seattle University is an equal opportunity employer.

In support of its pursuit of academic and scholarly excellence, Seattle University is committed to creating a diverse community of students, faculty and staff that is dedicated to the fundamental principles of equal opportunity and treatment in education and employment regardless of age, color, disability, gender identity, national origin, political ideology, race, religion, sex, sexual orientation, or veteran status. The university encourages applications from, and nominations of, individuals who will further enrich the diversity of our educational community.

Compensation at a Glance:
Salary for the role is currently anticipated to range from $200,000-220,000, commensurate with experience, skills, and the qualifications required for this role. This range is inclusive of all salary, stipends, and endowment related compensation. In addition, Seattle University offers a generous employee health and benefits package. Anticipated start date is July 1, 2024.

Seattle University has provided a compensation range that represents its good faith estimate of what the University may pay for the position at the time of posting. The salary offered to the selected candidate will be determined based on factors such as the qualifications of the selected candidate, departmental budget availability, internal salary equity considerations, and available market information, and not based on a candidate's gender or any other protected status. Your total compensation goes beyond the number on your paycheck. Seattle University provides generous leave, health plans, and retirement contributions that add to your total compensation package.

Benefits at a Glance:
Consistent with its fundamental Jesuit values, Seattle University offers a wide range of benefits designed to care for the whole person. Choose from three different medical plans, a dental, and vision insurance programs. Protect your income with life, short & long-term disability coverage. Plan for your future with up to a 10% employer contribution for retirement benefits, comprised of a 5% nonelective employer contribution and an additional dollar-for-dollar match of your voluntary contributions up to a maximum of 5%. You may also take advantage of 100% paid tuition benefits for the employee and dependents, a subsidized transportation benefit, a wellness program with free access to an onsite fitness facility, and a wide variety of campus events. Enjoy a generous holiday schedule, including a paid Holiday break closure in December, and paid sick leave. For more information explore the Benefits website at: https://www.seattleu.edu/hr/benefits/

A full position description of this position, including the complete list of required and preferred competencies, as well as the unique and exciting opportunities for the next Chair, and details about the Computer Science Department, the College of Science and Engineering, and Seattle University is available on the DSG website:

https://apptrkr.com/4735970

Beth Schaefer and Laurie Casteen of Koya Partners have been exclusively retained for this search. To express your interest in this role please submit your materials online on our Talent Portal: https://tinyurl.com/2kzbebsm/. All inquiries and discussions will be considered strictly confidential.

Koya Partners is committed to providing reasonable accommodation to individuals living with disabilities. If you are a qualified individual living with a disability and need assistance expressing interest online, please email NonprofitSearchOps@divsearch.com. If you are selected for an interview, you will receive additional information regarding how to request accommodation for the interview process.

action employer fully committed to achieving a diverse workforce and complies with all Federal and California State laws, regulations, and executive orders regarding non-discrimination and affirmative action. Applications from members of historically underrepresented groups are especially encouraged. For a complete copy of Santa Clara University's equal opportunity and nondiscrimination policies, see *https://www.scu.edu/title-ix/policies-reports/*

Title IX of the Education Amendments of 1972

Santa Clara University does not discriminate in its employment practices or in its educational programs or activities on the basis of sex/gender, and prohibits retaliation against any person opposing discrimination or participating in any discrimination investigation or complaint process internally or externally. The Title IX Coordinator and Section 504 and ADA Coordinator is Jenna Elliott, Interim Director of Equal Opportunity and Title IX, 408-551-3043, jrelliot@scu.edu , *www.scu.edu/title-ix*. Inquiries can also be made to the Assistant Secretary of Education within the Office for Civil Rights (OCR).

Clery Notice of Availability

Santa Clara University annually collects information about campus crimes and other reportable incidents in accordance with the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act. To view the Santa Clara University report, please go to the Campus Safety Services website. To request a paper copy please call Campus Safety at (408) 554-4441. The report includes the type of crime, venue, and number of occurrences.

Americans with Disabilities Act

Santa Clara University affirms its' commitment to employ qualified individuals with disabilities within the workplace and to comply with the Americans with Disability Act. All applicants desiring an accommodation should contact the Department of Human Resources, and 408-554-5750 and request to speak to Indu Ahluwalia by phone at 408-554-5750 or by email at *iahluwalia@scu.edu*.

Singapore Management University

Tenure Track Faculty Positions In Computer Science

The School of Computing and Information Systems at the Singapore Management University has several tenure track faculty positions, at all ranks, in the discipline of Computer Science & Engineering.

We strategically hire to build critical mass and innovative capability in our core research areas and integrative research domains. In particular, we are looking to significantly expand our faculty expertise in Cognitive Computing, Computational Neuroscience, Ethics and Trust in AI, Multimedia (3D Computer Vision/Graphics, Virtual/Augmented Reality, Metaverse), Human and Social Aspects of Software Engineering, Sustainable/Green Computing, System Security and Distributed System Security.

Our Core Research Areas

- Artificial Intelligence & Data Science
- Human-Machine Collaborative Systems
- Information Systems & Technology

Our Integrative Research Domains

- Computing Practice & Education
- Urban Systems & Operations
- Active Citizenry & Communities
- Safety & Security

Please visit our *website* for more details.

While we encourage and nurture applied research addressing real-world problems, we simultaneously cultivate and value big ideas, and research that is intellectually deep and thought provoking. Our faculty target their academic output primarily in the most-selective, academically prestigious venues. We want our faculty striving to create research outputs that advance thinking and scholarship in the core research areas, and also seeking real-world impact in the integrative research domains in "the world of business".

We offer extremely attractive salary and benefits that are usually superior to international competitive benchmarks.

Qualifications

We are continually on the lookout for outstanding faculty candidates at all levels:

- **Fresh Ph.D. graduates**
- **Postdocs looking for a faculty position**
- **Ph.D. holders who are currently in industry but want to return to faculty and research work**
- **Mid-career or senior faculty**

Tenure track faculty must have Ph.D. qualification in a relevant discipline (such as Computer Science, Computer Engineering and Information Technology) along with an outstanding research record.

Singaporeans selected for tenure-track faculty positions may be considered for the Singapore Teaching and Academic Research Talent (START) Inauguration Grant. Details on the grant application procedure may be found here: *https://www.smu.edu.sg/moe-start/inauguration-grant*.

Interested candidates are invited to submit a cover letter (indicating which of the above Core Research Areas your research interest belongs to), curriculum vitae, research and teaching statements, three recommendation letters, and three samples of published work to *sciscv@smu.edu.sg*.

Please indicate your source type as CRA/CRN in your application.

Southern Illinois University Carbondale

Assistant Professor – Two Positions

The School of Computing Computer Science Program at Southern Illinois University Carbondale seeks applicants for two tenure-track Assistant Professor positions in the areas of core Artificial Intelligence Technology and/or Applied Artificial Intelligence, particularly on applications of the latest AI technologies in automated programming, agriculture, media, education, law and other domains, starting August 16, 2024.

The application deadline is Dec 1, 2023, or until filled.

Duties: Teach courses at both the graduate and undergraduate levels; conduct high quality research and direct graduate student research; participate in activities that support the school's mission of teaching, research, and service.

Please apply at: *https://jobs.siu.edu/job-details?jobid=15975*

Southern Illinois University Edwardsville

Full-time Tenure-Track Faculty, Assistant, Associate, or Full Professor

The Department of Computer Science in the School of Engineering is seeking to fill a full-time, tenure-track faculty position in support of a new cybersecurity program beginning with the Fall 2024 semester. A Ph.D. in computer science or related field is required. ABD candidates may be considered. All candidates must have a demonstrated interest in teaching and mentoring cybersecurity topics, developing and teaching classes for the new program, developing a quality research program, and attracting external research funding.

For more information visit: *https://www.siue.edu/employment/engineering/FY23-057.shtml*

St. Mary's College of Maryland

Assistant Professor of Computer Science

St. Mary's College of Maryland is accepting applications for the position of Assistant Professor of Computer Science. Applicants must have a PhD in Computer Science or related field and be committed to excellence in teaching. The ideal candidate will teach a wide range of courses, develop an active research program, and aid in attracting and retaining students from underrepresented groups. The teaching load is three courses per semester.

Applications received before November 10 will receive full consideration.

See *full ad* for more information and apply at *apply.interfolio.com/133948*.

Questions may be directed to Dr. Alex Meadows at *ammeadows@smcm.edu*.

Stanford University

Department of Computer Science

Faculty Opening

The Department of Computer Science at Stanford University invites applications for a tenure track faculty position at the junior level (Assistant or untenured Associate Professor). We give higher priority to the overall originality and promise of the candidate's work than to the candidate's sub-area of specialization within Computer Science.

We are seeking applicants from all areas of Computer Science, spanning theoretical

foundations, systems, software, and applications. We are also interested in applicants doing research at the frontiers of Computer Science with other disciplines, including but certainly not limited to those in the engineering, mathematical, medical, physical, and social sciences. Applicants must have completed (or be completing) a Ph.D., must have demonstrated the ability to pursue a program of research, and must have a strong commitment to graduate and undergraduate teaching. A successful candidate will be expected to teach courses at the graduate and undergraduate levels, and to build and lead a team of graduate students in Ph.D. research. Further information about the Computer Science Department can be found at *https://cs.stanford.edu*. The School of Engineering website may be found at *https://engineering.stanford.edu*.

The Department of Computer Science, School of Engineering, and Stanford University value faculty who will help foster an inclusive academic environment for colleagues, students, and staff with a wide range of backgrounds, identities, and outlooks. Candidates may choose to include as part of their research and teaching statements a brief discussion about how their work and experience will further these ideals. Additional information about Stanford's IDEAL initiative may be found here: *https://ideal.stanford.edu/about-ideal/diversity-statement*.

Application Requirements:

- All applications should include a curriculum vita, list of publications, and brief (3-page total, combined, including references) statements of research and teaching interests.

- Applicants should submit the names and contact information of at least four references.

Please apply online at *https://facultypositions.stanford.edu*. You will need to create an account if you do not already have one. Questions should be directed to, Search Committee Chair, c/o Laura Kenny-Carlson, via electronic mail to *search@cs.stanford.edu*.

The review of applications will begin on December 4, 2023, and applicants are strongly encouraged to submit complete applications by that date for full consideration; however, applications will continue to be accepted until January 19, 2024.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford also welcomes applications from others who would bring additional dimensions to the University's research, teaching and clinical missions.

The expected base pay range for this position is:

Assistant Professor: $131,900 - $147,217

Associate Professor (untenured): $161,313 - $174,071

This base pay range is for a nine-month academic appointment and does not include summer salary. For more information about compensation and our wide range of benefits, including housing assistance, please contact the hiring department.

Stanford University has provided a pay range representing its good faith estimate of what the university reasonably expects to pay for the position. The pay offered to the selected candidate will be determined based on factors including (but not limited to) the experience and qualifications of the selected candidate including years since terminal degree, training, and field or discipline; departmental budget availability; internal equity; and external market pay for comparable jobs.

Stanford University

Post-doctoral Fellowship in Applied AI for Impact-Driven Social Science Research

The Golub Capital Social Impact Lab (GC Lab) has a 2-year post-doctoral fellowship opening working with The Economics of Technology Professor Susan Athey and other faculty affiliates of the GC Lab to responsibly and equitably use AI technology to improve people's lives at scale.

We are seeking to hire an applied AI scientist. The ideal candidate will have a strong computational and data science background, and an interest in social science research to improve people's lives through beneficial technology. Excellent candidates with other specialties or backgrounds related to the lab's work will also be considered.

More information: *https://drive.google.com/file/d/1bsdVV5Qmqsd8Hd23eX6Ocpg pZGHPj8gF/view*

Stevens Institute of Technology

Non-Tenure Track Faculty Positions in Computer Science

The Department of Computer Science in the Charles V. Schaefer, Jr. School of Engineering and Science (SES) at Stevens Institute of Technology (Stevens) invites applications for two non-tenure-track, teaching faculty positions. The department especially seeks candidates with strong background in theoretical computer science, systems and security but will consider applications in all areas of computer science. Applicants must have earned a Ph.D. in computer science or a related discipline. The rank of the appointment will depend on experience and qualifications. Candidates are expected to have a strong commitment to excellence in teaching at both the graduate and undergraduate level. They are also expected to advise students, supervise them in research, and contribute to the intellectually vibrant, highly interdisciplinary, collaborative, diverse, innovative, and entrepreneurial culture at Stevens.

The Department of Computer Science is home to 37 full-time faculty members, including 20 hired in the last five years, and approximately 2300 undergraduate and graduate students. The number of Ph.D. students has grown by 50% in the last few years. As the fastest growing department at Stevens, we are the primary occupant of a new state-of-the-art academic building. Faculty research is supported by the NSF, DARPA NIH, NSA, ONR, and other federal and private funding sources. The Department is home to research labs in AI, machine learning, computer vision, big data analytics, programming languages, cryptography, computer security, and software systems, and is the main constituent of the Stevens Institute for Artificial Intelligence (SIAI), an interdisciplinary research center that brings together over 100 faculty members across the University.

Stevens Institute of Technology is a premier, private research university in Hoboken, New Jersey, overlooking the Manhattan skyline. Stevens prepares its more than 8,000 undergraduate and graduate students for an increasingly complex and technology-centric world, leveraging finance, computing, engineering and the arts to confront the most challenging problems of our time with innovative teaching and research. The university is in the top 1% nationally of colleges with the highest-paid graduates.

Stevens values diversity and seeks candidates who will contribute to a welcoming and inclusive environment for students, faculty and staff of all backgrounds. We are an NSF ADVANCE institution committed to equitable practices and policies, and strongly encourage applications from women, racial and ethnic minority candidates, veterans and individuals with disabilities.

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status. Stevens is building a diverse faculty, staff and student body and strongly encourages applications from female and minority candidates, as well as veterans and individuals with disabilities. Stevens is a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

Applications will be accepted until the positions are filled. Application reviews will start in November 2023.

All applications must be submitted electronically at *https://academicjobsonline.org/ajo/stevens*. To apply, please submit a cover letter, curriculum vitae, a teaching statement that includes teaching interests and philosophy on inclusive classroom practices, and contact info for at least three references. For any questions, please contact the Search Committee Chair, Professor Eduardo Bonelli, at *ebonelli@stevens.edu*.

Stevens Institute of Technology

Tenure-Track Faculty Positions in Computer Science

The Department of Computer Science in the Charles V. Schaefer, Jr. School of Engineering and Science (SES) at Stevens Institute of Technology (Stevens) invites applications for five tenure-track and tenured positions in all areas of computer science at the assistant, associate, and full professor ranks. Exceptional candidates will be considered for the additional role of David and GG Farber Chair.

This year our priorities are in systems, security, and human-centered computing, which are areas we plan to grow aided by enthusiastic new faculty. Strong candidates in all areas will be also considered. Our junior faculty are supported by formal and informal mentoring on all aspects of academic life, focusing on their success but also with an eye on work-life balance.

Applicants should have earned a Ph.D. in computer science or a related discipline. Candidates are expected to demonstrate a commitment to teaching and mentorship at both the undergraduate and graduate levels, including working with students from underrepresented groups. Successful candidates will have the potential to develop an externally funded research program, supervise graduate students in research, and contribute to the highly interdisciplinary, collaborative, diverse, innovative, and entrepreneurial culture at Stevens. Candidates applying at the rank of Associate or Full should have a track record of success in scholarship, funded research, teaching, mentoring, and contributing to diversity, equity, and inclusion.

Headquartered in a brand new, 65,000 square foot, state-of-the-art academic building, our department is home to innovative research labs on AI, machine learning, computer vision, big data analytics, programming languages, cryptography, computer security, and software systems. Our researchers are the core of the Stevens Institute for Artificial Intelligence, an interdisciplinary research center at the forefront of AI that brings together over 100 faculty members across the University.

The department has expanded rapidly in recent years and is the fastest-growing department at Stevens. It is currently home to 37 full-time faculty members, including 20 hired in the last five years, as well as approximately 2,300 motivated undergraduate and graduate students. The number of Ph.D. students has grown by 50% in the last few years; annual research expenditures of the 25 tenure and research track faculty are in the order of $4M, supported by $25.8M in active research awards from sponsors including the NSF, NIH, DARPA, ONR, and NSA. Recent awards include second place in the Alexa Grand Prize SocialBot Challenge in 2023, and first place in the global TCS CodeVita coding challenge in 2021.

Stevens Institute of Technology is a premier, private research university in Hoboken, New Jersey, overlooking the Manhattan skyline. Stevens prepares its more than 8,000 undergraduate and graduate students for an increasingly complex and technology-centric world, leveraging finance, computing, engineering and the arts to confront the most challenging problems of our time with innovative teaching and research. The university is in the top 1% nationally of colleges with the highest-paid graduates.

Stevens values diversity and seeks candidates who will contribute to a welcoming and inclusive environment for students, faculty and staff of all backgrounds. We are an NSF ADVANCE institution committed to equitable practices and policies, and strongly encourage applications from women, racial and ethnic minority candidates, veterans and individuals with disabilities.

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status. Stevens is building a diverse faculty, staff and student body and strongly encourages applications from female and minority candidates, as well as veterans and individuals with disabilities. Stevens is

a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

Applications will be accepted until the positions are filled. Review of applications will begin on December 1, 2022, and continue until the positions are filled.

All applications must be submitted electronically at *https://academicjobsonline.org/ajo/stevens*. To apply, please submit a cover letter, curriculum vitae, a research statement, a teaching statement that includes teaching interests and philosophy on inclusive classroom practices, and contact info for at least three references. For any questions, please contact the Search Committee Chair, Philippos Mordohai (*pmordoha@stevens.edu*).

Stevens Institute of Technology

Tenure-Track Assistant/Associate Professor of Analytics

The School of Business at Stevens Institute of Technology invites applications for a full-time tenure-track faculty position in Analytics. Appointments can be made at the Assistant or Associate Professor ranks, commensurate with the individual's record and experience. The expected start date is September 2024. Preference will be given to candidates with a background in Business Applications of Big Data and Artificial Intelligence. Applications will be accepted until the position is filled.

Successful candidates will possess a PhD, or foreign equivalent, in Analytics, Information Systems, Computer Science, Management Science, or other related disciplines. The degree must be completed before September 2024. Experience in industry and/or government is a plus.

Analytics faculty at the School are active in research involving big data, management of AI, social media, social networks, sequential learning, collective intelligence, and financial technologies. Candidates are expected to complement and enhance the research activities of the school with their own scholarly activities, advise Ph.D. students, and are expected to publish in top journals of their field. Successful candidates are expected to teach in our graduate and undergraduate programs in Business Intelligence & Analytics, for example, Big Data Technologies, Big Data Analytics, and Web Analytics. New faculty are also expected to help develop new courses on relevant and high-demand topics, for example, Ethics and AI, Management of AI, and Cloud Computing. The university offers a competitive teaching load and excellent support for faculty research.

Application Procedure

Candidates should express their interest in being considered by applying via the following link: *https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/Tenure-Track-Assistant-Associate-Professor-of-Analytics_RQ27499*

Please include a letter of application, CV, research statement, teaching statement, a job market paper or recent publication, and if possible, teaching evaluations. Applications without these documents will be considered incomplete and will not be reviewed. In a later stage, 3 letters of recommendation will be required. Applications will be accepted until the position is filled.

About the Organization

The School of Business is AACSB accredited and is ranked 53rd in the country by U.S. News & World Report. The School offers three PhD programs, two MBAs, eleven Master's degrees, and eight undergraduate majors. These offerings, many of which have been ranked among the best in the country, are across a wide range of business disciplines and share a common emphasis on leveraging technology, analytics, and leadership for business success. For more information, visit *www.stevens.edu/business*.

SUNY Cobleskill

Faculty Position in Information Technology

SUNY Cobleskill is seeking applicants for a teaching focused Assistant Professor position in Information Technology (full-time, tenure-track, 10-month). Candidates' focus within technology is open but may broadly include areas such as networking-Internet of Things (IoT)-wireless technologies, cloud computing, data science, web development, software engineering and programming, artificial intelligence, cybersecurity, and/or digital agriculture. Master's Degree required,

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Assistant/Associate Professor - Computer Science, College of Engineering and Applied Sciences

Tenure-Track Assistant or Associate Professor in AI

Department of Computer Science - Stony Brook University

Stony Brook University's Department of Computer Science invites applications for a **tenure-track assistant or associate professor** position with an expected starting date of Fall 2024.

We are interested in candidates with backgrounds in all areas of artificial intelligence and machine learning, broadly defined, including computer vision, NLP, and robotics. We are particularly interested in hearing from candidates with expertise in generative models in software engineering and application areas such as mental health.

Applicants should hold a Ph.D. in Computer Science or a closely related discipline, have outstanding scholarly records and stellar potential in their field of study, and demonstrate a sincere commitment to teaching and mentoring.

The Department of Computer Science currently has 60 full-time faculty members and over 2100 students in its undergraduate, masters and doctoral programs combined. The department is either home to or has significant partnerships with several interdisciplinary centers on campus. They include the Institute for AI-Driven Discovery and Innovation, National Security Institute (NSI), Center for Visual Computing (CVC), Center of Excellence in Wireless and Information Technology (CEWIT) and Institute of Advanced Computational Science (IACS). More information about the department is available from its web site www.cs.stonybrook.edu.

Stony Brook University is located approximately 60 miles east of Manhattan on Long Island's beautiful North Shore. It is part of the State University of New York (SUNY) system and is widely regarded as its flagship. It is ranked 26 among public universities by U.S. News & World Report's 2024 Best Colleges rankings and is a member of the prestigious Association of American Universities (AAU).

Application Instructions:
Applicants need to electronically submit a curriculum vitae, statements of teaching, research and diversity and three letters of recommendation or evaluation.

Please apply here with the requested documents: https://apptrkr.com/4743668

Questions should be directed to: recruit@cs.stonybrook.edu.

Doctoral Degree (PhD, other) preferred in Computer Science, Information Science, Information Technology, Information Systems, or a closely related field.

For more information and to apply visit *http://cobleskill.interviewexchange.com/jobofferdetails.jsp?JOBID=170590*

Swarthmore College

Visiting Assistant Professor

The Computer Science Department at Swarthmore College invites applications for multiple two-year Visiting Assistant Professor positions to begin fall 2024. Applicants must have or expect to have a Ph.D. in Computer Science or a related field by the position's start date. All areas of CS will be considered. Candidates in adjacent fields with a record of scholarship and teaching computer science will also be considered.

Instructions for applying to the position can be found on Interfolio:
http://apply.interfolio.com/137240

Applications received by January 15, 2024 will receive full consideration.

Applications will be reviewed on a rolling basis until all positions are filled.

Syracuse University

Assistant Professor, Electrical Engineering and Computer Science Department (Tenure Track) - #077413

Syracuse University's Department of Electrical Engineering and Computer Science (EECS) (*http://eecs.syr.edu*) in the College of Engineering and Computer Science (*https://eng-cs.syr.edu*) invites applicants for **multiple tenure-track assistant professor** positions. Syracuse University is a Carnegie R1-ranked university (highest research activity classification) that aspires to be a pre-eminent and inclusive student-focused research university. We are particularly interested in candidates who are committed to innovative teaching, inclusive excellence, and interdisciplinary collaboration.

We invite applicants for **multiple tenure-track assistant professor** positions in one or more of the following areas:

- Optimization theory or algorithms for operations research.
- Artificial intelligence with a strong emphasis in theory or algorithms.
- Robotics, with a strong emphasis on algorithms validated by hardware robots.
- VLSI design for logic and memory chips, semiconductor device technology, or electronic design automation (EDA) technology.

- Emerging computing technologies, including RF, microwave, photonic, or quantum devices.

Excellent candidates in other areas that complement department research and academic programs will also be considered.

A successful applicant should be able to collaborate with researchers in these areas within the College of Engineering and Computer Science and across Syracuse University, as well as to establish strong industrial partnership with domestic and international leaders in these areas.

Required Qualifications

Candidates must have earned a doctoral degree in Computer Science, Computer Engineering, Electrical Engineering, Operations Research, or a closely related discipline. We strongly encourage candidates' applications with a demonstrated commitment to diversity, inclusion, and excellence in both teaching and research.

Responsibilities

Candidates will engage in research and scholarly activity, including publishing in peer-reviewed publications, presenting at conferences and obtaining external funding, teach graduate and undergraduate courses, mentor and advise undergraduate and graduate students, involve undergraduate students in research, and participate in professional, university, and community outreach and service.

Application Instructions

For full consideration, candidates must complete an online application at *https://www.sujobopps.com/postings/102213* and electronically attach a cover letter, curriculum vitae, research statement, teaching statement, diversity statement, and contact information of three professional references. To receive full consideration, we encourage candidates to apply by November 30, 2023. Applications will be considered until all positions are filled.

About Syracuse University

Syracuse University is a private, international research university with distinctive academics, diversely unique offerings and an undeniable spirit. Located in the geographic heart of New York State, with a global footprint, and nearly 150 years of history, Syracuse University offers a quintessential college experience.

The scope of Syracuse University is a testament to its strengths: a pioneering history dating back to 1870; a choice of more than 200 majors and 100 minors offered through 13 schools and colleges; nearly 15,000 undergraduates and 5,000 graduate students; more than a quarter of a million alumni in 160 countries; and a student population from all 50 U.S. states and 123 countries. For more information, please visit *www.syracuse.edu*.

About the Syracuse area

Syracuse is a medium-sized city situated in the geographic center of New York State approximately 250 miles northwest of New York City. The metro-area

population totals approximately 500,000. The area offers a low cost of living and provides many social, cultural, and recreational options, including parks, museums, festivals, professional regional theater, and premier shopping venues. Syracuse and Central New York present a wide range of seasonal recreation and attractions ranging from water skiing and snow skiing, hiking in the Adirondacks, touring the historic sites, visiting wineries along the Finger Lakes, and biking on trails along the Erie Canal.

EEO Statement

Syracuse University is an equal-opportunity, affirmative-action institution. The University prohibits discrimination and harassment based on race, color, creed, religion, sex, gender, national origin, citizenship, ethnicity, marital status, age, disability, sexual orientation, gender identity and gender expression, veteran status, or any other status protected by applicable law to the extent prohibited by law. This nondiscrimination policy covers admissions, employment, and access to and treatment in University programs, services, and activities.

Commitment to Supporting and Hiring Veterans

Syracuse University has a long history of engaging veterans and the military-connected community through its educational programs, community outreach, and employment programs. After World War II, Syracuse University welcomed more than 10,000 returning veterans to our campus, and those veterans literally transformed Syracuse University into the national research institution it is today. The University's contemporary commitment to veterans builds on this historical legacy and extends to both class-leading initiatives focused on making an SU degree accessible and affordable to the post-9/11 generation of veterans, and also programs designed to position Syracuse University as the employer of choice for military veterans, members of the Guard and Reserve, and military family members.

Commitment to a Diverse and Inclusive Campus Community

Syracuse University maintains an inclusive learning environment in which students, faculty, administrators, staff, curriculum, social activities, governance, and all other aspects of campus life reflect a diverse, multi-cultural, and international worldview. The University community recognizes and values the many similarities and differences among individuals and groups. At Syracuse, we are committed to preparing students to understand, live among, appreciate, and work in an inherently diverse country and world made up of people with different ethnic and racial backgrounds, military backgrounds, religious beliefs, socio-economic status, cultural traditions, abilities, sexual orientations and gender identities. To do so, we commit ourselves to promoting a community that celebrates and models the principles of diversity and inclusivity.

Syracuse University

Assistant Teaching Professor - CS/CE/EE - #077414

Syracuse University's Department of Electrical Engineering and Computer Science (EECS, *http://eecs.syr.edu*) in the College of Engineering and Computer Science (*https://eng-cs.syr.edu*) has three ABET-accredited undergraduate programs (Electrical Engineering, Computer Engineering, and Computer Science), five Master's programs (Electrical Engineering, Computer Engineering, Computer Science, Cybersecurity, and Operations Research & Systems Analytics), and two Ph.D. programs (Electrical & Computer Engineering, and Computer & Information Science & Engineering).

We invite applicants for **multiple full-time assistant teaching professor** positions. As core members of the EECS faculty, teaching professors have a defined career track and participate in curricular development, faculty governance, and service. Teaching responsibilities for these positions include a range of undergraduate and graduate courses across our programs. We are particularly interested in candidates who have expertise and teaching interests in one or more of the following areas:

- Programming, including introductory programming, functional programming, systems and network programming, or software engineering.

- Computing systems, including operating systems or computer organization.

- Hardware, digital logic, or computer architecture.

- Electrical or computer engineering labs, such as circuits, FPGA, microcontrollers, embedded systems, robotics, or control systems.

We seek candidates who are committed to inclusive excellence, innovative teaching, and student advising and mentoring.

Required Qualifications

A doctoral degree in Computer Science, Computer Engineering, Electrical Engineering, or a related discipline is strongly preferred. Candidates with an MS degree and excellent teaching experience will also be considered. We strongly encourage applications from candidates with a demonstrated commitment to diversity, inclusion, and excellence in teaching. Enthusiasm for teaching hands-on and/or project-based courses and labs is strongly desired.

Responsibilities

Teaching faculty are expected to teach graduate and/or undergraduate courses, mentor and advise undergraduate and graduate students, and participate in professional, university, and community outreach and service.

Application Instructions

For full consideration, candidates must complete an online application at *https://www.sujobopps.com/postings/102210* and electronically attach a cover letter, curriculum vitae, teaching statement, diversity statement, and contact information of three professional references. Applications will be considered until all positions are filled.

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Syracuse University

Department Chair - Electrical Engineering and Computer Science - 077345

Syracuse University seeks an inspiring leader to chair the *Department of Electrical Engineering and Computer Science* (EECS) through a period of rapid growth and innovation. The *College of Engineering and Computer Science*(ECS) is embarking on a transformation that will result in a 50% growth in the number of faculty, staff, and undergraduate students, the development of internationally renowned research in areas of distinctive excellence, and the modernization of our rigorous curricular offerings over the next five years. This growth will fuel the local economy and *emerging high-tech industry*, and supply the workforce with the talent needed to power innovation and entrepreneurship in the area.

The new chair will work closely with the dean of the college and other university leadership, including the former EECS department chair, whose move to a new leadership role within the college created the vacancy for this position. The ideal hire for this position will leverage their comprehensive expertise and experience to advocate for the best interests of our diverse EECS community, including all students, alumni, staff, teaching faculty, and tenured/tenure-track faculty.

Required Qualifications:

Candidates must have an earned doctorate in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field and present evidence of credentials that merit appointment at the rank of full professor with tenure, including a distinguished research and academic record commensurate with the title.

Job Specific Qualifications:

Candidates with the following qualifications are desired:

- Bold vision for the future of the department and the ability to implement strategic initiatives.
- Proven leadership experience in an academic setting.

- Demonstrated commitment to diversity, equity, inclusion, and accessibility.
- The ability to build and support a world-class creative research team, and promote the development of innovative educational practices.
- The ability to collaborate effectively with faculty, staff, and students.
- The ability to nurture and sustain our collaborative and innovative departmental culture.
- A distinguished record of scholarly achievement, teaching excellence, or professional accomplishments in the relevant field.
- Strong communication and interpersonal skills.

Responsibilities:

The chair will lead the Department of Electrical Engineering and Computer Science (EECS), which is the largest department within the College of Engineering & Computer Science (ECS). The department comprises 28 tenured and tenure-track faculty, 14 full-time teaching faculty, and seven staff members serving over 600 undergraduates and over 700 graduate students. EECS has three ABET-accredited undergraduate programs (Electrical Engineering, Computer Engineering, and Computer Science), five Master's programs (Electrical Engineering, Computer Engineering, Computer Science, Cybersecurity, and Operations Research & Systems Analytics), and two Ph.D. programs (Electrical & Computer Engineering, and Computer & Information Science & Engineering).

EECS boasts an interdisciplinary and effective blend of theory and practice that is reflected in our research, our collaborations within the University and with industry, and our curricula. Active areas of research focus include signal processing and communications, cybersecurity and secure systems, electromagnetics and photonics, embedded systems, quantum computing, artificial intelligence and data mining, green computing, and sustainable power systems.

The new department chair is expected to:

- Actively work with faculty in the department and across the university to achieve excellence in scholarly and sponsored research, education, and service, and to expand interdisciplinary collaborations, while promoting diversity, equity, inclusion, and accessibility.

- Provide leadership in recruiting, mentoring, and retaining a diverse and excellent faculty and student body.

- Be an advocate and spokesperson for the department both within the College and University and to external stakeholders including local communities, industries, and state and federal government/ agencies.

- Effectively articulate the vision and roadmap of the department to alumni, department advisory board, and other constituencies.

- Ensure effective departmental processes to maintain accreditation (ABET and Middle States) and continuous improvement of program curricula.

- Evaluate faculty and staff performance, and make recommendations for tenure, promotion, reappointment, salary adjustment, and leaves of absence.

About ECS:

The College of Engineering and Computer Science has developed a strategic plan, under the leadership of Dean J. Cole Smith, with a bold vision to develop distinctive research excellence in emerging computing technologies, advanced manufacturing, resilient systems and infrastructure for natural and built environments, materials engineering for emergent applications, and engineering for the well-being of humans and humanity. The plan also aims to achieve educational excellence and student success through real-world experiential education, innovative curricula and responsive programs, and multi-faceted student support and global educational experience. Implementing the strategic plan will position ECS as a premier college in engineering and computer science, characterized by signature research and educational programs embedded with the principles of diversity, equity, inclusion, and accessibility, that yield distinctive local and global impact.

Application Instructions:

For full consideration, candidates must complete an online application *https://www.sujobopps.com/postings/101772* and upload:

- A detailed cover letter describing interest in the position and addressing the desired qualifications for this role.

- Curriculum vitae.

- Contact information for three professional references.

Review of applications will begin on November 1, 2023 and will continue until the position is filled. Inquiries about this position may be sent to the Chair of the search committee, Professor Julie Hasenwinkel, at *jmhasenw@syr.edu*.

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Texas A&M University-Corpus Christi

Tenure Track Assistant/Associate Professor

The *Department of Computer Science* at Texas A&M University-Corpus Christi invites applications for a tenure-track faculty position in Computer Science at the rank of Assistant

Professor or Associate Professor to begin fall 2024. Rank will be determined upon qualifications. The department offers BS and MS degrees in Computer Science, and Ph.D. degree in Geospatial Computer Science.

The department faculty direct research labs including MANTIS , iCORE, HPC Systems Lab, Software and System Security Lab, and Cybersecurity Research and Innovation Lab (CRIL). The department has research collaborations with the Conrad Blucher Institute for Surveying and Science, Harte Research Institute, and Lone Star Unmanned Aircraft Systems. The department has 23 full-time faculty with more than 300 BS, 325 MS and 25 doctoral students. The department's faculty are active in research areas including machine learning, programming languages, computer networks, cybersecurity, high performance computing, IoT, UAS, and geospatial systems.

Required Qualifications

- An earned Ph.D. in Computer Science or a closely related field. Advanced ABD will be considered; degree must be conferred at the time of appointment.

- Strong track record of original research with publications.

Preferred Qualifications

- Experience teaching undergraduate and graduate classes.

- Preferred areas of research include: AI/ Machine Learning, Cybersecurity and Privacy, IoT, software security, Mobile software development, game software development, databases, software

engineering, operating systems, distributed systems, and cloud computing.

The following documents must be submitted *TO APPLY*:

1. A cover letter mentioning the rank interested (Assistant or Associate).

2. Teaching and research philosophy statements

3. CV

4. At least three professional references and contact information.

Review of applicants will begin by January 14th, 2024, and search will continue until position is filled.

Texas State University

Assistant/Associate Professor

The Department of Computer Science invites applications for one tenure-track Assistant/Associate Professor position to begin in the fall of 2024.

We are seeking candidates to complement and enhance our research in artificial intelligence and machine learning, data science, computer security and networks, human-computer interaction, high-performance computing, and software engineering.

Job duties include conducting research that results in refereed publications and external funding, teaching effectively at the graduate and undergraduate levels, supervising student research, and serving at the department, college, university, and professional levels.

Only applications submitted through the Texas State University website will be accepted and considered: *https://jobs.hr.txstate.edu/postings/44564*

Texas Tech University

Assistant/Associate Professor of Practice

The Department of Computer Science at Texas Tech University invites applications for Assistant/Associate Professor of Practice positions starting in Spring or Fall 2024.

Applicants must have a Master's or Ph.D. degree in Computer Science or related fields by the time of appointment. We are looking for passionate candidates who will contribute to the university's mission through teaching and mentoring students in professional and career preparation. This is a non-tenure track, multi-year renewable appointment. A Ph.D. degree is preferred but not required. Teaching or industry experience of 5 or more years is a plus for the Associate Professor of Practice position. The candidate must be prepared to teach large and small classes of undergraduate and graduate students. The selected candidate with a Ph.D. degree will also be offered an opportunity to advance the career development to be considered for a tenure-track position.

A cover letter, Curriculum Vitae, teaching statement, and three letters of reference should be submitted electronically at *http://www.texastech.edu/careers/* using requisition number 35560BR for the Assistant Professor of Practice position and 35564BR for the Associate Professor of Practice position.

Review of applications will begin on December 1st, 2023. To ensure full consideration, please complete an application by December 15th, 2023. Review of applications will continue until the positions are filled.

Texas Tech University is a Carnegie R1 (very high research activity) Doctoral/Research-Extensive, Hispanic Serving, and state-assisted institution. Located on a beautiful 1,850-acre campus in Lubbock, a city in West Texas with a growing metropolitan-area population of over 300,000, the university enrolls over 40,000 students with 33,000 undergraduate and 7,000 graduate students. As the primary research institution in the western two-thirds of the state, Texas Tech University is home to 10 colleges, the Schools of Law and Veterinary Medicine, and the Graduate School. The flagship of the Texas Tech University System, Texas Tech is dedicated to student success by preparing learners to be ethical leaders for a diverse and globally competitive workforce. It is committed to enhancing the cultural and economic development of the state, nation, and world. With a mild climate, highly rated public schools, and a low cost of living, Lubbock is a family-friendly community that is ranked as one of the best places to live in Texas.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information or status as a protected veteran.

Questions about these positions should be directed to Prof. Abdul Serwadda, Search Committee Chair, at *cs.teachingsearch@ttu.edu*. If you need assistance with the application process, contact Human Resources, Talent Acquisition at *hrs.recruiting@ttu.edu* or 806-742-3851.

Texas Tech University

Assistant/Associate/Full Professor

The Department of Computer Science at Texas Tech University invites applications for multiple tenured or tenure-track positions at various ranks starting in Fall 2024.

Applicants must have a Ph.D. degree in Computer Science or related fields by the time of appointment. We are looking for outstanding candidates in all core and emerging areas of computer science, with track records of research excellence, and ability to obtain external research funding and become leaders in research and education. We strongly encourage candidates in quantum computing, data science, artificial intelligence, and computer systems areas to apply. Associate/Full Professor candidates must have proven record in building research teams at the university or national level, playing a leading role in obtaining significant external research funding, and having internationally impactful publications.

A cover letter, Curriculum Vitae, research statement, teaching statement, and three letters of reference (five for applications at the rank of Full Professor) should be submitted electronically at *http://www.texastech.edu/careers/* using requisition numbers 35526BR for Assistant Professor, 35527BR for Associate Professor, or 35525BR for Full Professor position.

Review of applications will start on January 1st, 2024. For best consideration, applications should be submitted by January 15th, 2024. Review of applications will continue until the positions are filled.

Texas Tech University is a Carnegie R1 (very high research activity) Doctoral/Research-Extensive, Hispanic Serving, and state-assisted institution. Located on a beautiful 1,850-acre campus in Lubbock, a city in West Texas with a growing metropolitan-area population of over 300,000, the university enrolls over 40,000 students with 33,000 undergraduate and 7,000 graduate students. As the primary research institution in the western two-thirds of the state, Texas Tech University is home to 10 colleges, the Schools of Law and Veterinary Medicine, and the Graduate School. The flagship of the Texas Tech University System, Texas Tech is dedicated to student success by preparing learners to be ethical leaders for a diverse and globally competitive workforce. It is committed to enhancing the cultural and economic development of the state, nation, and world. With a mild climate, highly rated public schools, and a low cost of living, Lubbock is a family-friendly community that is ranked as one of the best places to live in Texas.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information or status as a protected veteran.

Questions about these positions should be directed to Prof. Yu Zhuang, Search Committee Chair at *cs.search@ttu.edu*. If you need assistance with the application process, contact Human Resources, Talent Acquisition at *hrs.recruiting@ttu.edu* or 806-742-3851.

Tufts University

Multiple Open Faculty Positions

The Department of Computer Science at Tufts University invites applications for multiple open faculty positions. For more information about the department or these positions, please visit *http://go.tufts.edu/CSpositions*.

Throughout their application, candidates are encouraged to demonstrate their attention to diversity and inclusion as these topics relate to teaching, research (as applicable), and engagement within the academic environment. We welcome candidates with a variety of life experiences and perspectives that will add value to our department. Women, Black/African Descent, Indigenous/Native American, Hispanic/Latinx, People of Color, LGBTQ, individuals with disabilities, and others with intersecting marginalized identities are strongly encouraged to apply. The department especially values candidates who have an interest in civic engagement, social impact, and the betterment of society.

Tenure-track faculty positions in Programming Languages, Artificial Intelligence, and any area with leadership potential, starting in Fall 2024.

We invite applications for multiple tenure-track faculty positions. We are interested in candidates at the Assistant or Associate Professor level who conduct research in <strong>programming languages, including software engineering researchers whose work is adjacent to programming languages. We also seek candidates at the Associate Professor level who conduct research in artificial intelligence, especially those with interests in neuro-symbolic AI, language processing with large language models (LLM), formal methods for safe learning, cognitive systems, and multi-agent planning and reasoning. Candidates who connect to and build on the department's and/or university's strengths are particularly encouraged to apply. Additionally, we seek candidates for the Ada Lovelace Professorship. Candidates for this professorship must demonstrate strong <strong>leadership potential and may be in any area of computing. This is a regular, permanent position, for which the Lovelace Professorship will apply for the first five years, after which the candidate will automatically continue as a regular faculty member. Mid-career, new or established Associate Professors, or recently promoted Full Professors are preferred for the Ada Lovelace Professorship. Exceptional candidates not matching the above position descriptions will also be considered.

Please submit your application online through Interfolio at *https://apply. interfolio.com/129454*.

Review of applications will begin December 15, 2023 and will continue until the positions are filled. Inquiries should be emailed to *ttsearch@cs.tufts.edu*.

Teaching-track faculty positions (in person and online) starting in 2024. We invite applications for multiple full-time teaching positions as Lecturer (open rank), Teaching Professor (open rank), or Professor of the Practice. The primary responsibility for these positions is teaching and curriculum development for the department's undergraduate and graduate programs. Candidates should specify in their cover letter whether they are interested in teaching primarily in the in-person program or the online program. Candidates for teaching in the online program may be located anywhere in the U.S. These positions will begin in Spring or Fall 2024. Candidates may have expertise in any area of computer science or a closely related field. They are expected to have strong foundational knowledge in one or more areas of our core curriculum, including Data Structures, Algorithms, Programming Languages, Computation Theory, and Data Science. These are full-time, non-tenure-track positions. The initial appointment term will be for two years with the possibility of renewal contingent on annual performance review results.

Please submit your application through Interfolio at *https://apply.interfolio. com/129237*.

Applications are due December 15, 2023 but review of applications will begin October 15, 2023 and will continue until the positions are filled. Inquiries should be emailed to *cssearch@cs.tufts.edu*.

Adjunct faculty positions.

We conduct an ongoing search for qualified part-time lecturers for in-person and online courses.

Submit your application at *https://apply. interfolio.com/123592*.

About Tufts

The Tufts CS department has grown significantly in the past decade in faculty, student size, and research funding. The department recently moved into the brand-new Joyce Cummings Center, which is also the home of Math, Economics, the Data Intensive Studies Center, and the Derby Entrepreneurship Center. Tufts offers the best of a liberal arts college atmosphere coupled with the intellectual and technological resources of an R1 research university. We support and encourage a culture of interdisciplinary research, and there are numerous such opportunities within the university. Located only six miles from historic downtown Boston, faculty members on the Tufts Medford/Somerville campus have extensive opportunities for academic and industrial collaboration outside of Tufts as well as participation in the rich intellectual life of the area.

Tufts University is an Equal Opportunity/ Affirmative Action Employer. We are committed to increasing the diversity of our faculty and staff and fostering their success when hired. See the University's Non-Discrimination statement and policy at *https://oeo.tufts.edu/policies-procedures/non-discrimination/*. If you are an applicant with a disability who is

unable to use our online tools to search and apply for jobs, please contact us by calling the Office of Equal Opportunity (OEO) at 617-627-3298 or at *oeo@tufts.edu*. Applicants can learn more about requesting reasonable accommodations at *http://oeo.tufts.edu*.

Tulane University

Professor of Practice Position in Computer Science at Tulane

The Department of Computer Science at Tulane University invites applications for a Professor of Practice position beginning in Spring 2024. We welcome and encourage applications from members of underrepresented groups.

Tulane brings together bold and creative scholars, scientists and students who are committed to crossing boundaries. Our friendly and collaborative department currently has 11 tenure-track/tenured faculty and 3 Professors of Practice with a commitment to grow over the next few years. In our research and teaching, we take pride in our equal focus on both computer science and its interdisciplinary applications.

Tulane Professors of Practice are faculty who design, enhance, and teach courses, and provide departmental and university service. The typical teaching load is three sections per semester (two preps). Candidates interested in creating and adopting pedagogical innovations, conducting scholarly activity in computer science education, or developing original elective courses will find many opportunities and support to pursue their interests.

Review of applications will begin October 1, 2023, and will continue until the position is filled. Our preference is to fill the position in Spring 2024, but we are also open to the option of a Fall 2024 start.

For a full description of this position, and to apply, please visit: *https://apply.interfolio.com/130831*.

Tulane University

The Mark D. Wheeler Endowed Chair in Artificial Intelligence Position in Computer Science

The Department of Computer Science at Tulane University invites applications for The Mark D. Wheeler Endowed Chair in Artificial Intelligence position beginning in Fall 2024. We welcome and encourage applications from members of underrepresented groups.

Tulane brings together bold and creative scholars, scientists, and students who are committed to crossing boundaries. Our friendly and collaborative department currently has 11 tenure-track/tenured faculty and 3 Professors of Practice with a commitment to grow over the next few years. In our research and teaching, we take pride in our equal focus on both computer science and its interdisciplinary applications.

We encourage applications from senior colleagues whose research is in artificial intelligence and its applications, and who are attracted by the opportunity to join a program whose focus is equally on computer science and its applications in related areas. The successful candidate

for this pivotal appointment will provide leadership by enhancing existing research collaborations and establishing new ones within the Department of Computer Science, within the School of Science and Engineering, across Tulane schools, centers, and institutes, and the broader community. The successful candidate will have excellent research credentials nationally and internationally, a track record of substantial research funding, experience leading multidisciplinary research projects, excellent teaching at the undergraduate and Ph.D. levels, and a demonstrated commitment to diversity, equity, and inclusion.

Review of applications will begin January 1, 2024, and will continue until the position is filled.

For a full description of this position and to apply, please visit *https://apply.interfolio.com/133007*.

University of Alabama at Birmingham

Endowed Associate Professor/Professor - Tenured

The Department of Computer Science at the University of Alabama at Birmingham (UAB) is seeking candidates for a tenured faculty position holding the Phyllis and David Brasfield Endowed Faculty Scholarship, starting in Fall 2024. Highly qualified candidates at both Associate Professor and Professor rank will be considered. Candidates with expertise in cyber

Vst Research Software Development Engineer/Senior Research Software Development Engineer
Discovery Partners Institute

The Discovery Partners Institute provides a platform for people to jumpstart their tech careers or companies in Chicago. Led by the University of Illinois System in partnership with local and global research universities, DPI does three things: train people for high-demand tech jobs, conduct applied R&D, and build businesses to grow Chicago's tech ecosystem. With state investment and a new urban innovation district in development just south of the Chicago Loop, DPI has the resources to attract, develop and leverage the most driven people and companies the region has to offer and keep them here.

DPI invites nominations and applications for the position of (Sr.) Research Software Development Engineer. This position offers an extraordinary opportunity for versed engineers to build technology-based products and services. The (Sr.) Research Software Development Engineer will work closely with the system architect, other members of the cross-functional & cross-organizational teams, and external researchers/industry partners to create best-in-class scalable technology-based platforms and services, and solutions.

For a complete list of position responsibilities and requirements, please visit:
https://apptrkr.com/4775463

Additional responsibilities included:
- Provide technology based objective thinking through experience and knowledge in the latest platforms, and software infrastructure (including cloud-based) applications and services to support ongoing and new projects by gathering and analyzing software requirements and investigating optimal solutions.
- Collaborate with a cross-functional team of stakeholders, software developers, and architects to design, implement, and test the solutions. Connect the dots between project needs, innovation, and good design.
- Document and conduct testing to evaluate software robustness, identify bugs and defects, and verify requirements gaps. Provides basic system administration support (e.g., keeping applications, operating system, and security settings up to date, ensuring regular data backups, etc.) for LAMP (Linux, Apache, MySQL, PHP/Perl/Python) servers.
- Write detailed supporting documentation including software requirements specification, system architecture specification, operational requirements specification, and user interface specification.

Qualifications:
Required:
Vst Software Engineer Level:
- Bachelor's degree in computer science or engineering with 1-3 years of industry experience or an advanced degree with at least one year of industry experience.

Knowledge and Experience:
Software Engineer Level Qualifications
- Solid Computer Science foundation in data structures and algorithms, object-oriented programming (OOP), and modern software engineering practices
- Demonstrated proficiency with Python, C++, Java, Matlab, HTML/CSS, jQuery, or other programming languages
- Experience working with REST APIs
- Demonstrated experience debugging and testing software systems
- Strong verbal and written communication skills
- Excellent problem-solving and multi-tasking skills

Preferred
- Master's Degree in computer science or engineering
- Three plus years of industry experience
- Experience working with open-source applications and frameworks
- Experience with agile software development
- Experience with version control systems (GIT, P4, ClearCase, etc.), bug tracking systems (Jira, Bugzilla, GitHub, etc.)
- Experience with cloud computing or other distributed programming environments
- Experience with database programming
- Experience working with machine learning algorithms to solve classification and clustering problems, perform information retrieval from unstructured and semi-structured data, and build supervised and semi-supervised learning solutions
- Experience with big data and analytics

security or data science/machine learning/artificial intelligence are sought.

The CS Department at UAB offers PhD, MS, BS, and BA programs. For additional information about the Department, please visit: *https://www.uab.edu/cas/computerscience/* . UAB is a Carnegie R1 research university, Alabama's single largest employer, and an engine of revitalization for Birmingham – the largest city in Alabama.

For the complete job announcement and application procedures, see: *https://uab.peopleadmin.com/postings/19842*

For more information, please contact the search committee chair Dr. Ragib Hasan (*ragib@uab.edu*).

University of Alabama at Birmingham

Four Tenure-track Assistant Professor positions

The Department of Computer Science at the University of Alabama at Birmingham (UAB) is seeking candidates for four (4) tenure-track assistant professor positions, with a start date of Fall 2024.

Candidates with expertise in all core CS areas are sought, with preference being given to candidates who could complement and enhance current department strengths in the areas of Data Science/Machine Learning/Artificial Intelligence, Cyber Security, Networking, and Software Engineering.

The CS Department at UAB offers PhD, MS, BS, and BA programs. For additional information about the Department, please visit: *https://www.uab.edu/cas/computerscience/* . UAB is a Carnegie R1 research university, Alabama's single largest employer, and an engine of revitalization for Birmingham – the largest city in Alabama.

For the complete job announcement and application procedures, see: *https://uab.peopleadmin.com/postings/19843*

For more information, please contact the search committee chair Dr. Ragib Hasan (*ragib@uab.edu*).

University of Alabama at Birmingham

Non-tenure-track Assistant Professor in Teaching

The Department of Computer Science at the University of Alabama at Birmingham (UAB) is seeking candidates for a non-tenure-track assistant professor in teaching position, starting Spring or Fall 2024.

Candidates with teaching expertise in all core computer science topics are sought, with preference given to Programming, Algorithms and Data Structures, Computer Architecture, Data Science/Machine Learning, Networking, Systems Programming, Operating Systems, Web-based Application Development and Software Engineering. For additional information about the Department, please visit: *https://www.uab.edu/cas/computerscience/*. UAB is a Carnegie

R1 research university, Alabama's single largest employer, and an engine of revitalization for Birmingham – Alabama's largest city.

For the complete job announcement and application procedures, see: *https://uab.peopleadmin.com/postings/19742*.

For more information, please contact the search committee chair Dr. Ragib Hasan (*ragib@uab.edu*).

University of Alberta

Tenure-Track Positions in AI/ML+Robotics

The *Department of Computing Science* at the University of Alberta, Canada, invites applications for multiple tenure-track positions (Assistant or, in exceptional cases, Associate Professor level), in specific areas of Artificial Intelligence (AI) and Machine Learning (ML).

The successful candidate will be nominated for a Canada CIFAR Artificial Intelligence (CCAI) Chair by the Alberta Machine Intelligence Institute (Amii). The CCAI Chair includes research funding for at least five years.

For more information about these job postings and how to apply, please visit:*https://www.careers.ualberta.ca/Competition/A105052144/* for the positions in AI/ML+Robotics and visit *https://www.careers.ualberta.ca/Competition/A105052143/* for the other positions in AI/ML.

University of Arizona

Assistant or Associate Professor in Artificial Intelligence

The School of Information at the University of Arizona invites applications for multiple tenure track Assistant or Associate Professor positions to start in Fall 2024. We are looking for candidates with expertise in all areas of artificial intelligence.

Required qualifications:

- A Ph.D. in information science, computer science, or a related discipline.
- A productive and innovative research record with promising future directions.

Preferred qualifications:

- Expertise in trustworthy artificial intelligence or bias and equity in machine learning

- Experience instructing, engaging, and mentoring students at the graduate and/or undergraduate level.

- Ability to write compelling proposals for external funding.

- A record of outreach to and impact on schools, local communities, businesses, or other groups not often involved in information science.

- Experience working collaboratively with faculty, students, and staff from different disciplines, cultures, and academic backgrounds.

Review of applications will begin on 1 Dec 2023.

Equal Opportunity Employer Minorities/Women/Vets/Disabled

Apply at *https://arizona.csod.com/ux/ats/careersite/4/home/requisition/17971*

University of Arizona

Tenured/Tenure-Track/Career-Track Faculty Positions in Computer Science & Engineering

The Electrical and Computer Engineering Department (ECE) at the University of Arizona invites candidates to apply for multiple faculty positions across all areas of Computer Science and Engineering (CSE) for a Fall 2024 start. ECE has a comprehensive BS program, a combined 5-year BS-MS program, as well as MS and PhD programs. ECE is ranked in the top 20 percent of public universities in the nation. ECE is looking for exceptional candidates who will contribute to the growth of the CSE program through their research, teaching, and service.

Application review begins January 2024.

For more information and to apply: *https://ece.engineering.arizona.edu/faculty-staff/open-positions*.

University of California, Irvine

Assistant (tenure-track) or Associate Professor (tenured) Position in Biophotonics/Imaging

The University of California, Irvine, Electrical Engineering and Computer Science (EECS) Department is seeking faculty candidates in the Biophotonics/Imaging area who can work closely with the Beckman Laser Institute (BLI). In particular, the EECS department and BLI are interested in candidates with research interests in biophotonics and imaging technology, including devices, optics, fabrication, AI and machine

learning, etc., for advanced sensing, diagnostics, and treatment.

The position is open to candidates at an Assistant Professor or Associate Professor level. The hired candidate is expected to contribute to teaching and curriculum development in the EECS department,

Faculty Positions in Artificial Intelligence and Machine Learning, Department of Computer Science

The University of California, Davis invites applications for a **faculty position** in the **Department of Computer Science** with an employment date of July 1, 2024, or later, in the area of **Machine Learning**.

As part of UC Davis' commitment to hire leading research faculty with an outstanding commitment to teaching, research and service that will promote the success of historically underrepresented and marginalized student communities and address the needs of our increasingly diverse state and student population, the College of Engineering announces a tenure-track professor position at the assistant level, in the Department of Computer Science. Applications are encouraged from candidates with a strong background in any current or emerging area that will fit within our department's disciplinary focus in Machine Learning, Natural Language Processing and Machine Vision, broadly defined to include (but not limited to): Machine Learning and all its variants including but not limited to Deep Learning, Reinforcement Learning, Generative AI, Fairness and Learning, Explainable AI, Computer Vision, Natural Language Processing.

The successful candidate will demonstrate an understanding of the barriers preventing full participation of members from historically underrepresented and marginalized student communities in higher education. Applicant's record of engagement and activities related to diversity, equal opportunity, and inclusion as well as their plans for future engagement will be part of the overall evaluation of the candidate's qualifications for a faculty appointment.

UC Davis is a tier-one research university and has a strong history of engaging in teaching, research, and service for the greater public good as a land grant institution. The College of Engineering has an exciting Next Level Strategic Research Vision with major pillars for research, education, and community. Our vision can be found https://engineering.ucdavis.edu/about/next-level-strategic-vision.

The University of California is committed to creating and maintaining a community dedicated to the advancement, application, and transmission of knowledge and creative endeavors through academic excellence, where all individuals who participate in University programs and activities can work and learn together in a safe and secure environment, free of violence, harassment, discrimination, exploitation, or intimidation. With this commitment, UC Davis conducts a reference check on all first choice candidates for Academic Senate Assistant Professor or Lecturer with Potential for Security of Employment, Steps 4, 5, or 6, or Acting Professor of Law positions. The reference check involves contacting the administration of the applicant's previous institution(s) to ask whether there have been substantiated findings of misconduct that would violate the University's Faculty Code of Conduct. To implement this process, UC Davis requires all applicants for any open search for assistant professor to complete, sign, and upload the form entitled "Authorization to Release Information" into RECRUIT as part of their application. If an applicant does not include the signed authorization with the application materials, the application will be considered incomplete, and as with any incomplete application, will not receive further consideration. Although all applicants for faculty recruitments must complete the entire application, only finalists considered for Academic Senate Assistant Professor or Lecturer with Potential for Security of Employment, Steps 4, 5, or 6, or Acting Professor of Law positions will be subject to reference checks.

To Apply, Visit: https://apptrkr.com/4750493

establish joint research activities between the EECS department and BLI, mentor undergraduate and graduate students, and attract extramural funding.

At the time of hire, applicants are expected to have a doctoral degree in Electrical Engineering, Computer Science, or a related field from an accredited university. Successful candidates will be innovative leaders that can develop a vigorous externally funded research program, maintain a strong publication record, advise students, and provide outstanding teaching at the undergraduate and graduate levels. We seek faculty who are committed to diversity as well as diverse faculty who will be role models for our students.

Interested applicants are expected to submit a cover letter, a research statement, a statement of teaching interests, a curriculum vitae, a list of publications, up to three key publications, an inclusive excellence activities statement that reflects past and/or potential contributions to diversity, equity and inclusion, as well as the names and contact information of three references.

Faculty Positions in Cloud and Distributed Systems and Operating Systems, Department of Computer Science

The University of California, Davis invites applications for a **faculty position** in the **Department of Computer Science** with an employment date of July 1, 2024, or later, in the area of **Cloud and Distributed Systems and Operating Systems**.

As part of UC Davis' commitment to hire leading research faculty with an outstanding commitment to teaching, research and service that will promote the success of historically underrepresented and marginalized student communities and address the needs of our increasingly diverse state and student population, the College of Engineering announces a tenure-track professor position at the assistant level, in the Department of Computer Science. Applications are encouraged from candidates with a strong background in any current or emerging area that will fit within our department's disciplinary focus in Cloud and Distributed Systems and Operating Systems.

The successful candidate will demonstrate an understanding of the barriers preventing full participation of members from historically underrepresented and marginalized student communities in higher education. Applicant's record of engagement and activities related to diversity, equal opportunity, and inclusion as well as their plans for future engagement will be part of the overall evaluation of the candidate's qualifications for a faculty appointment.

UC Davis is a tier-one research university and has a strong history of engaging in teaching, research, and service for the greater public good as a land grant institution. The College of Engineering has an exciting Next Level Strategic Research Vision with major pillars for research, education, and community. Our vision can be found https://engineering.ucdavis.edu/about/next-level-strategic-vision.

The University of California is committed to creating and maintaining a community dedicated to the advancement, application, and transmission of knowledge and creative endeavors through academic excellence, where all individuals who participate in University programs and activities can work and learn together in a safe and secure environment, free of violence, harassment, discrimination, exploitation, or intimidation. With this commitment, UC Davis conducts a reference check on all first choice candidates for Academic Senate Assistant Professor or Lecturer with Potential for Security of Employment, Steps 4, 5, or 6, or Acting Professor of Law positions. The reference check involves contacting the administration of the applicant's previous institution(s) to ask whether there have been substantiated findings of misconduct that would violate the University's Faculty Code of Conduct. To implement this process, UC Davis requires all applicants for any open search for assistant professor to complete, sign, and upload the form entitled "Authorization to Release Information" into RECRUIT as part of their application. If an applicant does not include the signed authorization with the application materials, the application will be considered incomplete, and as with any incomplete application, will not receive further consideration. Although all applicants for faculty recruitments must complete the entire application, only finalists considered for Academic Senate Assistant Professor or Lecturer with Potential for Security of Employment, Steps 4, 5, or 6, or Acting Professor of Law positions will be subject to reference checks.

To Apply, Visit: https://apptrkr.com/4750237

References will not be contacted until later stages of consideration, in consultation with the candidate.

Applications should be submitted electronically at *https://recruit.ap.uci.edu/JPF08701*. The screening will begin immediately upon receipt of a completed application. Applications will be accepted until the position is filled, although maximum consideration will be given to applications received by January 15, 2024.

The EECS department offers bachelor's, master's, and doctoral degrees. It is at the forefront of research and teaching of operations research and analytics methods, as well as the advancement of quantitative solutions in the areas of electronic devices and circuits, power electronics, automatic controls, telecommunications, wireless communications, and signal processing, interfacing with the broader areas of medicine, biology, geology, and ecology. The department has strong ties with other departments in the Henry Samueli School of Engineering at UCI and enjoys close relationships with the School of Medicine and the School of Physical Sciences. To

learn more about our department and its programs, please visit *https://engineering.uci.edu/dept/eecs*.

BLI is a 37,000-square-foot multi-disciplinary center for research, teaching, clinical medicine, and technology transfer located on the campus of the University of California, Irvine. UCI Beckman Laser Institute & Medical Clinic is internationally recognized for research, innovation, and translational medicine – all under one collaborative umbrella. UCI Beckman Laser Institute & Medical Clinic inventions include new laser therapies for diseases that were previously untreatable, improving the lives of tens of millions of patients worldwide.

University of California, Irvine

Assistant Professor (Tenure-Track) Position in Microelectronics

Microelectronics has evolved from its mid-20th-century origins to become the backbone of modern technology, driving the development of integrated circuits, nanoscale devices, and microprocessors that power our digital age. The synergy between microelectronics and other transformative technologies like AI, biotechnology, and renewable energy is reshaping interdisciplinary research, offering solutions to complex challenges and expanding the horizons of scientific knowledge.

The Department of Electrical Engineering and Computer Science at the University of California, Irvine, invites applications for a position as Assistant Professor

Faculty Positions in Theoretical Computer Science

The University of California, Davis invites applications for a **faculty position** in the **Department of Computer Science** with an employment date of July 1, 2024, or later, in the area of **Theoretical Computer Science**.

As part of UC Davis' commitment to hire leading research faculty with an outstanding commitment to teaching, research, and service that will promote the success of historically underrepresented and marginalized student communities and address the needs of our increasingly diverse state and student population, the College of Engineering announces a tenure-track professor position in Theoretical Computer Science at the Assistant Professor level, in the Department of Computer Science.

The successful candidate will demonstrate an understanding of the barriers preventing full participation of members from historically underrepresented and marginalized student communities in higher education. Applicant's record of engagement and activities related to diversity, equal opportunity, and inclusion as well as their plans for future engagement will be part of the overall evaluation of the candidate's qualifications for a faculty appointment.

UC Davis is a tier-one research university and has a strong history of engaging in teaching, research, and service for the greater public good as a land grant institution. The College of Engineering has an exciting Next Level Strategic Research Vision with major pillars for research, education, and community. Our vision can be found https://engineering.ucdavis.edu/about/next-level-strategic-vision.

The University of California is committed to creating and maintaining a community dedicated to the advancement, application, and transmission of knowledge and creative endeavors through academic excellence, where all individuals who participate in University programs and activities can work and learn together in a safe and secure environment, free of violence, harassment, discrimination, exploitation, or intimidation. With this commitment, UC Davis conducts a reference check on all first choice candidates for Academic Senate Assistant Professor or Lecturer with Potential for Security of Employment, Steps 4, 5, or 6, or Acting Professor of Law positions. The reference check involves contacting the administration of the applicant's previous institution(s) to ask whether there have been substantiated findings of misconduct that would violate the University's Faculty Code of Conduct. To implement this process, UC Davis requires all applicants for any open search for assistant professor to complete, sign, and upload the form entitled "Authorization to Release Information" into RECRUIT as part of their application. If an applicant does not include the signed authorization with the application materials, the application will be considered incomplete, and as with any incomplete application, will not receive further consideration. Although all applicants for faculty recruitments must complete the entire application, only finalists considered for Academic Senate Assistant Professor or Lecturer with Potential for Security of Employment, Steps 4, 5, or 6, or Acting Professor of Law positions will be subject to reference checks.

To Apply, Visit: https://apptrkr.com/4750499

(Tenure Track) in the broad area of microelectronics. Desired areas of expertise range across all related topics including, but not limited to: systems-on-chip, systems-on-chiplets, 3D and heterogeneous integration, hardware security, mixed signal design, neuromorphic systems, novel semiconductor technologies, packaging and interconnect technologies, energy-efficient computing and domain-specific accelerators, design automation tools and methods, and semiconductor and system security.

At the time of hire, applicants are expected to have a doctoral degree in Electrical Engineering, Computer Science, or a related field from an accredited

university. Successful candidates will be innovative leaders that can develop a vigorous externally funded research program, maintain a strong publication record, advise students, and provide outstanding teaching at the undergraduate and graduate levels. We seek faculty who are committed to diversity as well as diverse faculty who will be role models for our students

Applications should include a cover letter, a research statement, a statement of teaching interests, a curriculum vitae, up to three key publications, an inclusive excellence activities statement that reflects past and/or potential contributions to diversity, equity and inclusion, as well as the names and contact information of three references. References will not be contacted until later stages of consideration, in consultation with the candidate.

Applications should be submitted electronically at *https://recruit.ap.uci. edu/JPF08700*.

The screening will begin immediately upon receipt of a completed application. Applications will be accepted until the position is filled, although maximum consideration will be given to applications received by January 15, 2024.

The University of California, Irvine is part of the premier public university system in the world. UCI is a member of the Association of American Universities (AAU), is ranked as a top ten public university by U.S. News and World Report, and was identified by the New York Times as No. 1

Tenure-Track Assistant Professor Position in Computer Science

Description

The Computer Science Department at the UCLA Samueli School of Engineering invites applications for a tenure-track Assistant Professor faculty position in all areas of computer science. Applicants must have a demonstrated record of excellence in, or show exceptional promise for, high-quality research, teaching, and professional development. Our hiring priority is focused on the frontiers of Computer Science research, where a candidate's impact, originality, and promise for developing and maintaining a strong, extramurally supported research program has been demonstrated. We are interested in outstanding candidates who are committed to excellence in teaching and scholarship and to a diverse campus climate.

This position requires a Ph.D. or equivalent in Computer Science or a closely related discipline at date of hire.

How to apply

Application packages should be submitted online through **https://apptrkr.com/4811638** and include the following documents: 1) curriculum vitae, 2) a cover letter, 3) statement of research interest, 4) statement of teaching interest, 5) reference check authorization form, 6) a statement of contributions to equity, diversity, and inclusion, and 7) 3 reference letters. We encourage candidates to send in their applications as soon as possible. Applications submitted by December 1, 2023 will receive full consideration; review will continue until the position is filled.

Reference requirements

3-5 required (contact information only)

The University of California is an Equal Opportunity/ Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the University of California Nondiscrimination & Affirmative Action Policy.

Assistant Professor in Computer Science and Engineering (Multiple Hire Recruitment)

The Department of Computer Science and Engineering at **University of California Merced** seeks applicants for **multiple tenure-track positions** at the **Assistant Professor level** beginning on July 1, 2024. Candidates in all areas will be equally considered.

We invite applications for two types of positions:

1) Standard (Research) Assistant Professor

(https://aprecruit.ucmerced.edu/JPF01644)

Applicants should have a distinguished academic record, potential to conduct world-class research in a collaborative environment, and a strong commitment to teaching at both the undergraduate and graduate levels.

2) Teaching Assistant Professor

(https://aprecruit.ucmerced.edu/JPF01642)

Applicants should have teaching experience -- or evidence of the ability to teach a diverse student body -- and show involvement in developing effective and innovative teaching media and infrastructure.

Inquiries should be sent to: csesearch@ucmerced.edu

The positions will remain open until filled. However, to ensure full consideration, applications should be received by December 15, 2023.

https://apptrkr.com/4693241

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among U.S. universities that do the most for low-income students. UCI is located in Orange County, 4 miles from the Pacific Ocean and 45 miles south of Los Angeles. Irvine is one of the safest communities in the U.S. and offers a very pleasant year-round climate, numerous recreational

and cultural opportunities, and one of the highest-ranked public school systems in the nation.

Information about the department is available at: *https://engineering.uci.edu/ dept/eecs*.

Professional Opportunities

University of California - San Diego

Assistant, Associate Professor in CSE with a focus on Designing Just Future

The Department of Computer Science and Engineering seeks faculty candidates at the level of Assistant Professor or tenured faculty positions at the Associate Rank whose research, teaching, and service will advance scholarship and institutional solutions for designing more just and equitable systems and structures. This faculty member will advance UC San Diego's commitment to the inclusion of Indigenous, Black, and migrant communities, anti-racism, anti-oppression, equity, and social justice. We especially welcome candidates whose professional experience, community engagement, and personal background have facilitated their understanding of and ability to better serve students from Indigenous and other underrepresented populations.

Faculty hired under this Initiative will join the UC San Diego campus, the UC San Diego Design Lab, and the Indigenous Futures Institute to forge a new paradigm of engagement and collaboration that draws on the geographic, academic, institutional, and cultural strengths of our tri-national region across Southern California, Baja California, and the Kumeyaay region.

This search is part of a UC San Diego-wide cluster hire on Designing Just Futures that aims to recruit scholars who can contribute to the advancement of design, social justice, and Indigenous, Black, and migrant futures and seeks engagement with scholars across disciplines to address issues of territory, access and equity, and social and political debates pertinent to Indigenous, Black, border and migrant communities, while also working within their home departments and professional communities.

As part of their teaching portfolio, faculty hired under Designing Just Futures will be expected to design and teach courses that align with the department of Computer Science and Engineering, the Design Lab, and the Indigenous Futures Institute programs.

UC San Diego
Assistant Professor Broad Area in Data Science (HDSI)

UC San Diego invites applications for an **Assistant Professor** (tenure-track) in the **Halıcıoğlu Data Science Institute (HDSI)**.

We seek outstanding candidates from across all areas of Data Sciences to fill multiple open positions.

Areas of particular interest include Artificial Intelligence Foundations, Database Systems, and Intelligent Systems & Applications. This position involves teaching university students at both the undergraduate and graduate levels.

For additional details or to apply, please see: https://apptrkr.com/4853595

UC San Diego
Assistant Professor - Chancellor's Joint Initiative: Data Science and Public Policy (HDSI/GPS)

UC San Diego invites applications for a tenure-track faculty position in Data Science and Public Policy. This will be a joint appointment at the Assistant Professor level with membership in Halıcıoğlu Data Science Institute and the School of Global Policy and Strategy. We seek faculty applicants who are experts in data science, economics, political science, or public policy. Faculty candidates should demonstrate interest and contributions in both data science and a policy domain of long-term priority.

To apply, please visit: **https://apptrkr.com/4717317**

UC San Diego is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence through diversity.

UC San Diego
Assistant Professor, Data Science and Bioengineering

The University of California, San Diego invites applications for an **Assistant Professor** (tenure-track) in **Data Science and Bioengineering**.

This position will hold a joint appointment in the Halıcıoğlu Data Science Institute (HDSI) and the Department of Bioengineering.

The successful candidate will be expected to establish a vigorous program of high-quality research that focuses on innovations and applications of complex models or other novel, data-driven analytic approaches to a well-defined problem at the frontier of bioengineering, as well as the ability to address biases or other limitations arising from their given choice of approach.

For additional details or to apply, please see: https://apptrkr.com/4700894

We are looking for applicants with outstanding research credentials and a promise for leading research and pedagogical initiatives that advance a Just Future, with applications to Indigenous, Black, and migrant Futures.

For the Assistant Professor, A Ph.D. or advancement to candidacy in Computer Science & Engineering or related disciplines is required at the time of application.

For the Associate Professor, Applicants must have a Ph.D in Computer Science and Engineering or related disciplines is required at the time of application.

The CSE Department is committed to building an excellent, diverse, and inclusive faculty, staff and student body. In addition to the highest standards of scholarship, teaching, and professional activity, successful candidates for this position will have potential or demonstrated contributions to a climate that supports equity, inclusion, and diversity, with a specific focus on contributing to Just Futures, with applications to Indigenous, Black, and migrant Futures. The application requires a Contribution to Diversity Statement that should highlight a well-articulated plan building on past experiences creating or contributing to programs that aim to increase access and success of underrepresented students and faculty, while also having a broader impact on society through a focus on Just Futures. For further information and guidance on preparing contributions to diversity statements, see:

https://jsoe-ap.ucsd.edu/sites/jsoe-ap.ucsd.edu/files/academic-personnel/diversity/C2D_Expectations.pdf

and

http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html

CSE is home to over 70 faculty and 1,000 graduate students who span a range of research areas in computer science, computer engineering and bioinformatics. In addition, the department works closely with multiple centers which provide unique opportunities and resources. More information can be found at *http://www.cse.ucsd.edu*.

We encourage candidates to send applications as soon as possible. Review of applications will commence on January 1, 2024 and continue until positions are filled.

Applications must be submitted through the University of California San Diego's Academic Personnel RECRUIT System:

Assistant Professor: *https://apol-recruit.ucsd.edu/JPF03822*

Associate Professor: *https://apol-recruit.ucsd.edu/JPF03827*

For applicants with interest in spousal/partner employment, please see the UCSD Partner Opportunities Program. *https://aps.ucsd.edu/recruitment/pop/index.html*

University of California - San Diego

Assistant, Associate, or Full Professor – CSE

The UC San Diego Department of Computer Science and Engineering (CSE) invites applications for multiple tenure-track faculty positions at the Assistant Professor or tenured faculty positions at Associate, or Full Professor rank. The department is looking for exceptional candidates in all areas of Computer Science and Engineering.

We are looking for applicants with outstanding research credentials. Successful applicants are expected to lead a vigorous research program and will be required to teach university students. We are particularly seeking faculty passionate about working with students and training the next generation of researchers.

For the Assistant Professor, applicants must have a Ph.D. or advancement to candidacy in Computer Science & Engineering or related disciplines is required at the time of application. For the Associate or Full Professor, Applicants must have a Ph.D. in Computer Science & Engineering or a related disciplines is required at the time of application.

The CSE Department is committed to building an excellent, diverse, and inclusive faculty, staff and student body. In addition to the highest standards of scholarship, teaching, and professional activity, candidates demonstrating a potential or past contributions to a

climate that supports equity, diversity, and inclusion are highly desired.

CSE is home to over 75 faculty and over 1,000 graduate students who span a range of research areas in computer science, computer engineering and bioinformatics. CSE also offers an undergraduate CSE program with 1800 majors. In addition, the department works closely with the Center for Networked Systems (CNS), the California Institute for Telecommunications and Information Technology (CalIT2), the Halicioglu Data Science Institute (HDSI), the Design Lab, the Contextual Robotics Institute (CRI), San Diego Supercomputer Center (SDSC), and the Center for Wireless Communications (CWC), which provide unique opportunities and resources. More
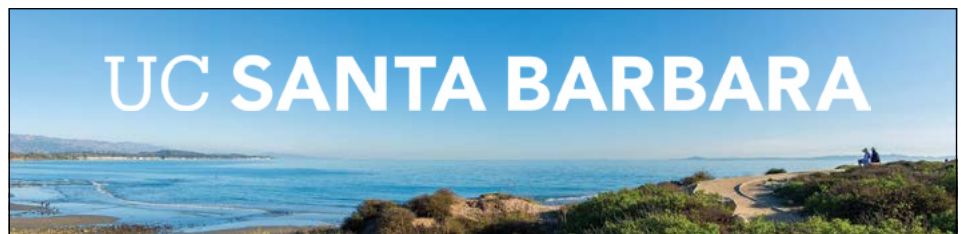
information can be found at *http://www. cse.ucsd.edu*.

We encourage candidates to send applications as soon as possible. Review of applications will commence on January 1, 2024 and continue until positions are filled.

Applications must be submitted through the University of California San Diego's Academic Personnel RECRUIT System: **Assistant Professor:** *https://apol-recruit.ucsd.edu/JPF03783*

Associate or Full Professor: *https://apol-recruit.ucsd.edu/JPF03785*

Interdisciplinary Search with Focus on Artificial Intelligence and Machine Learning

Faculty Recruitment in Artificial Intelligence and Machine Learning.

UCSB Engineering seeks exceptional AI/ML experts for a senior-level role (Associate to Distinguished Professor Rank). Ideal candidates should excel in cross-disciplinary collaboration, exploring AI/ML intersections with diverse fields to advance innovation. Desired candidates will integrate AI/ML into broader applications for theoretical advancements and practical implementations. Potential for an endowed chairship.

UCSB is an AA/EOE, including disability/vets.

A reasonable estimate for this position is between $200,000 - $325,000.

Apply here by Monday, Jan 8, 2024 at 11:59pm to ensure consideration:
https://apptrkr.com/4827164

Assistant Teaching Professor in Computer Science

Assistant Teaching Professor, UC Santa Barbara

The Computer Science department at UC Santa Barbara is hiring an Assistant Teaching Professor starting in the 2024 - 2025 academic year.

At UC Santa Barbara, Assistant Teaching Professors carry equivalent rights and responsibilities as the traditional tenure-track faculty, but with a greater emphasis on teaching than research.

Here at UC Santa Barbara, you will join a great team of one Teaching Professor, two Associate Teaching Professors, and three Assistant Teaching Professors working on a variety of projects related to curriculum design (introductory CS courses, data science, software engineering), broadening participation of underrepresented groups in undergraduate research, as well as many other projects. We also have some of the best weather you'll find anywhere in North America!

https://apptrkr.com/4726396

Applications submitted by 12/4/2023 will receive full consideration.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

As a condition of employment, you will be required to comply with the University of California Policy on Vaccination Programs (**https://policy.ucop.edu/doc/5000695/VaccinationProgramsPolicy**), as may be amended or revised from time to time. Federal, state, or local public health directives may impose additional requirements.

"The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service as appropriate to the position."

The posted UC Salary Scales (**https://www.ucop.edu/academic-personnel-programs/compensation/index.html**) set the minimum pay determined by rank and/or step at appointment. See https://ap.ucsb.edu/compensation.and.benefits/ucsb.salary.scales/3L.pdf for the salary history range. A reasonable estimate for this position is $99,100- $144,500 "Off-scale salaries" and other components of pay, i.e., a salary that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions.As a condition of employment, you will be required to comply with the University of California Policy on Vaccination Programs , as may be amended or revised from time to time. Federal, state, or local public health directives may impose additional requirements.

CRA Computing Research Association

UC SANTA BARBARA

Assistant Professor in Computer Science

The Department of Computer Science invites applications for a **full-time Assistant Professor faculty position**. In this search, we seek tenure-track faculty members in all areas of Computer Science. AI/Machine Learning and Quantum Computing are priority areas for the department this year. However, outstanding candidates in all areas will be considered. We seek faculty eager to build on our existing research collaborations in the Center for Responsible Machine Learning, the Center for Black Studies Research, the Center for Information Technology in Society, the Institute for Energy Efficiency and well beyond, and to help us establish new partnerships and research programs bringing computation and computational tools to problems of societal importance. We seek motivated and passionate researchers eager to work with a community of their peers to address issues of societal importance through surprising and creative applications of computing. The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service as appropriate to the position. A primary appointment will be in the Department of Computer Science but affiliate or joint appointments in any number of partner departments across engineering, social sciences, humanities, and/or physical sciences are strongly encouraged. The Department of Computer Science at UC Santa Barbara understands that computing intersects society in many complex ways but that by striving to be a place where every student, faculty, and staff can grow and thrive we will position ourselves to best be able to take on these challenges together!

Apply by December 15th, 2023 to ensure full consideration.

For full details about the position and to apply, visit: https://apptrkr.com/4729171

Salary Range: The posted UC salary scales (https://ap.ucsb.edu/compensation.and.benefits/ucsb.salary.scales/) set the minimum pay determined by rank and/or step at appointment. See https://ap.ucsb.edu/compensation.and.benefits/ucsb.salary.scales/3.pdf for the salary history range. A reasonable estimate for this position is $99,100-$164,500. "Off-scale salaries" and other components of pay, i.e., a salary that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions.

Anticipated Start: 07/01/2024

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

As a condition of employment, you will be required to comply with the University of California Policy on Vaccination Programs (https://policy.ucop.edu/doc/5000695/VaccinationProgramsPolicy), as may be amended or revised from time to time. Federal, state, or local public health directives may impose additional requirements.

UC SANTA CRUZ

UCSC Faculty Engineering Position OVERVIEW

View full position description online: https://apptrkr.com/4683673

We seek to hire one candidate with evidence of potential or sustained scholarly achievement in computer chip design with a particular focus on VLSI, EDA, circuits, and/or verification.

Position title: Assistant or Associate Professor, Chip Design and Electronic Design Automation

Salary range: The salary range for this position is $115,000 - $125,000 academic year for Assistant Professors, and $130,000 - $155,000 for Associate Professors (both nine-month basis)

Percent time: Full-time, 100%

Anticipated start: July 1, 2024, with the academic year beginning September 2024.

CAC), Cybersecurity (accredited by the ABET CAC), and Data Science, as well as an MS program in Computer Science.

A doctorate in Computer Science, Software Engineering, Cybersecurity, Data Science, or a related discipline is required by the start date of the positions, but candidates nearing completion will also be considered. The successful candidates will teach in our student-centered undergraduate and graduate programs as well as engage in research and professional service.

Applicants should submit a cover letter, a curriculum vitae, statements of teaching and research, unofficial transcripts, and contact information for at least three references via *https://jobs.uca.edu/postings/14202*.

The review of applications will begin on February 1, 2024, and will continue

University of Central Arkansas

Assistant Professor Positions in Computer Science/Software Engineering/Cybersecurity/Data Science

The Department of Computer Science and Engineering at the University of Central Arkansas is seeking candidates for two tenure-track Assistant Professor positions in Computer Science/Software Engineering/Cybersecurity/Data Science beginning in August 2024. Currently, the department has 13 full-time faculty members and offers BS programs in Computer Science (accredited by the ABET

until the positions are filled. For questions, contact the department chair at *ecelebi@uca.edu*. Additional information about the department is available at *https://uca.edu/cse*.

UCA is an EO/AA Employer.

University of Central Florida

Associate or Full Professor Lead, Genomics and Bioinformatics Cluster

The Faculty Cluster Initiative (FCI) at the University of Central Florida (UCF) is recruiting one 9-month tenured associate professor or professor who will serve as the lead for the Genomics and Bioinformatics Cluster (GBC) (*https://www.ucf.edu/research/genomics-bioinformatics/*). The GBC is looking for a proven leader to foster the continued expansion of research programs in genomics and bioinformatics that are enabled by next-generation sequencing technologies and that address one or more areas among molecular evolution, biodiversity, microbiome research (environmental and plant/animal health), biological model systems, infectious diseases, translational applications for cancer, computational biology, systems biology, machine learning, and data mining. Strong candidates in other areas of genomics will also be considered.

An ideal candidate will have a strong background in genomics and bioinformatics, as well as computational approaches used to analyze large genomic datasets. The candidate should have demonstrable leadership experience,

preferably with multidisciplinary teams, a strong research publication record, and demonstrated independent and interdisciplinary research funding.

The Genomics and Bioinformatics Cluster lead can join any of three tenure home departments – The Burnett School of Biomedical Sciences (College of Medicine), Biology (College of Sciences), or Computer Science (College of Engineering and Computer Science). Joint or secondary joint appointments among these departments is possible as appropriate to qualifications and interest. The cluster lead will be expected to develop a research program that strengthens their tenure home department and the cluster.

This position has an anticipated start date of August 8, 2024.

For more information and to apply, please click the link below: *https://ucf.wd1.myworkdayjobs.com/careers/job/Orlando-FL-Main-Campus/Associate-Professor-or-Professor-and-Cluster-Lead--Genomics-and-Bioinformatics-Cluster_R106132*

Equal Employment Opportunity Statement

As an equal opportunity/affirmative action employer, UCF encourages all qualified applicants to apply, including women, veterans, individuals with disabilities, and members of traditionally underrepresented populations. UCF's Equal Opportunity Statement can be viewed at *http://www.oie.ucf.edu/documents/PresidentsStatement.pdf*.

As a Florida public university, UCF makes all application materials and selection

procedures available to the public upon request.The University of Central Florida is proud to be a smoke-free campus and an E-Verify employer.

University of Central Florida

Assistant Professor or Associate Professor, Knights Digital Twin Strategic Initiative (KDT)

The UCF KDT Initiative is inviting applications for multiple 9-month, full-time faculty positions at the rank of assistant professor (tenure earning) or associate professor (tenured) to conduct research, development, and teaching with multidisciplinary teams in areas related to Digital Twins (DT). The tenure homes for these positions will be in either the School of Modeling, Simulation, and Training, or the College of Engineering and Computer Science. Regardless of the tenure home, the faculty members are expected to contribute to our strategic focus on Digital Twin design and implementation.

We invite applications from candidates with strong background in the following areas:

1. School of Modeling, Simulation, and Training (SMST):

   » Real-time modeling, simulation and visualization: Model-based design, development, and implementation with strong hands-on experience.

   » Artificial intelligence (AI), machine learning (ML), deep learning (DL), and data science: Developing and applying data-driven, human-aligned, ethical,

safe, and explainable AI models and methods with strong programming skills. Experience with generative AI and recommender systems are pluses.

» Computational modeling: Leveraging modern distributed and cloud computational systems to train and run models, algorithms, simulations, and visualizations, with strong software and hardware knowledge of high-performance computing (HPC) for big data, IoT sensing, and real-time simulations.

» Brain-inspired AI and cognitive computational neuroscience.

2. College of Engineering and Computer Science (CECS):

» Computer Science: Technical research in VR/AR/MR, digital twin software architecture, rendering, immersive data analytics, ML, and generative AI algorithms and applications.

» Civil Engineering: Smart cities/mobility, transportation, autonomous vehicles; infrastructure design, monitoring, and maintenance; environmental physical and natural systems for food, energy, and water; emergency management and community resilience.

» Mechanical and Aerospace Engineering: Anomaly detection, AI, ML/DL, low-order-physics modeling for digital twins of newer power generation and energy systems, spanning of hydrogen, ammonia, power-to-X fuels, energy storage, urban air mobility. Applications of digital twins leading to optimization, operation, and maintenance of these systems.

» Electrical and Computer Engineering: ML, AI, and edge intelligence to improve efficiency, predictive capabilities, and decision-making for digital twins. Application of digital twins to enhance and integrate energy systems (smart grids and renewable energy) and to improve autonomous vehicles, drones, and robotics.

» Industrial Engineering: Digital twin for organizations/enterprises, and industrial and service operations (Industry 5.0). Model-based systems engineering for product life cycle. M&S for human-machine interactions and human neural signatures and brain-computer interfaces.

To apply please go to
https://www.ucf.edu/jobs/

University of Chicago

Adjunct Assistant Professor-Data Visualization-CAPP

Description

The Department of Computer Science at the University of Chicago is seeking qualified applicants for the position of Adjunct Assistant Professor of Computer Science to teach sections of Data Visualization in the Master of Science in Computational Analysis and Public Policy Program (MSCAPP *http://capp.uchicago.edu/*) during the 2024 Winter Quarter (January - March 2024). The goal of the course is for students to gain a practical knowledge of the theory of visualization (such as the grammar of graphics) as well as hands-on experience with contemporary visualization tools (such as d3).

This adjunct faculty position will be appointed to an initial one-quarter term, with possibility of renewal for future terms.

Courses are held for nine weeks during each academic quarter, with a tenth week for a final project or exam. Instruction is expected to be primarily in person, with some limited opportunities to offer remote or hybrid courses. Courses can meet in the daytime (meeting 2-3 times a week for a total of up to three hours) or in the evening (meeting once per week for up to three hours). The exact day(s)/time(s), are determined in consultation with the adjunct faculty member.

This position is part-time and is not benefits eligible. This is not a salaried position; adjunct faculty are paid on a per-course basis in the quarter(s) when they teach. Applicants must currently be authorized to work in the U.S.

Qualifications

One of the following:

- A doctorate in Computer Science or a related field at the time of appointment
- A masters degree and 4 years of relevant professional experience.

Preferred Qualifications:

- Teaching experience in a professionally-oriented Masters program as an instructor of record.
- Work experience in a computing-related industry.

Application Instructions

The following materials are required:

Professional Opportunities

- Cover letter detailing teaching experience and interests
- Curriculum vitae
- Teaching Statement
- A list of three references must include name, title, employer/school and email address

The following optional materials may be submitted:

Teaching evaluations from past teaching at the university level

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.

Apply Now

https://account.interfolio.com/login?apply=134207

Equal Employment Opportunity Statement

All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

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, gender identity, national or ethnic origin, age, status as an individual with a disability, military or 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 Cincinnati

Assistant Professor

The School of Information Technology (SoIT) at the University of Cincinnati (UC) seeks to hire three (3) tenure-track Assistant Professors to teach undergraduate or graduate courses in the areas of cybersecurity, cloud computing, software application development, human-computer interaction, and/or applied data science to start in August 2024.

For full job description and details on how to apply online, please visit https://jobs.uc.edu and search keyword 93795.

University of Cincinnati

Assistant Professor-Educator

We are fine with being charged for the cost of 100 words. I did have one change to the Assistant Professor-Educator ad, however.

The School of Information Technology (SoIT) at the University of Cincinnati (UC) seeks to hire three (3) Assistant Professor-Educators to teach undergraduate or graduate courses in the areas of Cybersecurity, Software Application Development, Data Technologies, Networking/Systems, and Game Development, as they relate to Information Technology to start in August 2024.

For full job description and details on how to apply online, please visit https://jobs.uc.edu and search keyword 93798.

University of Colorado Colorado Springs

Assistant Professor – Cybersecurity

The Department of Computer Science (CS) at the University of Colorado Colorado Springs (UCCS) invites applications for a tenure-track, assistant professor position in Cybersecurity. The successful candidate will develop and teach undergraduate and graduate courses in cybersecurity and general computer science as assigned by the chair based on departmental needs, will possess a solid publication record, and be expected to develop or continue to develop a strong research group with externally funded research program in Cybersecurity.

Applications submitted by November 30, 2023 will receive full consideration.

To learn more about this opportunity and to submit an application visit: *https://cu.taleo.net/careersection/2/jobdetail.ftl?job=31461&lang=en*

University of Delaware

Tenured Faculty Position, Computer & Information Sciences

The Department of Computer and Information Sciences at the University of Delaware invites applications for a tenured associate/full professor position, with a primary focus in Computer Systems/Architecture. However, exceptional candidates in all areas are welcome. Applicants must have a Ph.D. in Computer Science or related fields, and demonstrate research excellence, leadership, and a commitment to high-quality teaching and mentoring.

Application requirements include a cover letter, CV, research and teaching statements, and 3-5 references. The review of applications will begin on January 15, 2024.

The department has grown 40% in the past five years, with 45% NSF CAREER awardees and 29% female faculty. New faculty can engage in various university initiatives like the Data Science Institute, Cybersecurity Initiative, AI Center of Excellence, and more.

For more information and apply, please visit UD Careers, (*https://careers.udel.edu/cw/en-us/job/500589/tenured-faculty-position-computer-information-sciences*).

Questions can be directed to the search committee chair, Dr. Lena Mashayekhy, at *mlena@udel.edu*

University of Hawaii at Manoa

Assistant/Associate/Full Professor (Hardware Systems for ML/AI-Driven Sensor Data Acquisition)

The University of Hawaii at Manoa, Department of Electrical and Computer Engineering (ECE) invites applications for a full-time tenure-track faculty position at the Assistant, Associate or Full Professor level, pending position clearance and availability of funds, to begin approximately on August 1, 2024. Candidates should have a strong research record at the intersection of hardware design for sensor signal acquisition and machine learning (candidates are expected to have experience in both areas). Candidates with cross-disciplinary strengths are particularly encouraged to apply.

Inquiries can be forwarded to Boris Murmann at *bmurmann@hawaii.edu*

For additional position details or to apply, please visit, *https://www.schooljobs.com/careers/hawaiiedu/jobs/4240117/assistant-associate-full-professor-hardware-systems-for-ml-ai-driven-sensor-data?pagetype=jobOpportunitiesJobs*

University of Hawaii at Manoa

Assistant Professor (Control or Communications Intersecting with AI)

The UHM Department of Electrical and Computer Engineering (ECE) invites applications for a tenure-track faculty position at the Assistant Professor level, to begin approximately on August 1, 2024. Candidates should have a strong research record in the areas of control or communication. We are particularly interested in candidates who work on the intersection of control/communications and machine/statistical learning and AI. Successful candidates will teach a range of graduate and undergraduate courses in probability, linear systems, control, signal processing, communications, machine learning, and similar topics.

To view full position details and application, please visit: *https://tinyurl.com/Cont-CommCRA*

Contact Narayana Santhanam (*nsanthan@hawaii.edu*) for inquiries.

University of Houston

Assistant/Associate Professor Applied Artificial Intelligence (AI) and Large-Scale Machine Learning (ML)

Description

The Department of Computer Science at the University of Houston invites applications for tenure-track faculty position in Applied Artificial Intelligence (AI) and Large-Scale Machine Learning (ML) at the Assistant/Associate Professor

level. The successful candidate will be appointed at the Assistant Professor or Associate Professor (Tenure-eligible) ranks, with a joint appointment in the Department of Electrical Engineering in the Cullen College of Engineering. The rank of the appointment will be based on the candidate's experience and qualifications.

The Department of Computer Science is home to a dynamic and interdisciplinary group of 30+ full-time faculty members and over 1,800 undergraduate and graduate students. The department is seeking outstanding candidates with the potential for exceptional research, excellence in teaching, and mentoring graduate and undergraduate students. The anticipated start date for this position is September 1, 2024.

Applicants must possess an earned doctorate in computer science, computer engineering, or closely related fields before the start date. Applicants are asked to please provide contact information for 3 professional references.

The University of Houston is a Carnegie Tier One public research university located on a park-like campus a few minutes from downtown Houston. The university has embarked on an exciting period of research growth, a rising reputation, and committed leadership. The Department of Computer Science is home to a dynamic and interdisciplinary group of 30+ full-time faculty members and over 1,800 undergraduate and graduate students.

The University's prime location in America's fourth-largest city supports extensive

industry partnerships and experiential learning opportunities. Renowned for its energy industry and NASA's Space Center, Houston is home to a vibrant cultural scene with world-class museums, theaters, and restaurants. Houston thrives as a hub for innovation, education, and arts, fostering a unique blend of community charm and modern progress.

Rank will be commensurate with experience.

The university is responsive to the needs of dual-career couples.

Review of applications will begin immediately and continue until the positions are filled. Pre- application inquiries are welcome and prospective applicants are encouraged to contact Dr. Shishir Shah at *sshah@central.uh.edu*.

For consideration, applicants must apply for the position on the University of Houston Careers site using the link provided in this posting.

Job title: *Assistant or Associate Professor - AI and Machine Learning*, posting number FAC003213.

The University of Houston is an Equal Opportunity/Affirmative Action institution and recognizes protected classes of race, color, sex (including pregnancy), genetic information, religion, age (40 and above), national origin, disability, veteran status, sexual orientation, gender identity or status, and gender expression as required by federal law. Veterans and persons with disabilities are encouraged to apply.

University of Houston

Assistant/Associate Professor

The Department of Computer Science at the University of Houston invites applications for two tenure-track faculty positions at the Assistant/Associate Professor levels. We welcome applications from exceptional candidates in all research areas. We are especially interested in human-computer interaction, programming languages, computer systems, high performance computing, and security.

The department is seeking outstanding candidates with the potential for exceptional research, excellence in teaching, and mentoring graduate and undergraduate students. The anticipated start date for this position is September 1, 2024. Applicants must possess an earned doctorate in computer science, computer engineering, or closely related fields before the start date. Applicants are asked to please provide contact information for 3 professional references.

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APPLY HERE

Qualifications

Ph.D. in Computer Science, Computer Engineering, or related discipline. Applicants must complete their degree before the start date of the appointment.

Demonstrated ability to develop a record of outstanding research productivity and impact in fundamental aspects of data science.

Required Attachments by Candidate

Curriculum Vitae, Cover Letter/Letter of Application, Teaching Philosophy or Statement, Research Statement, Publications

Notes to Applicant

Official transcripts are required for a faculty appointment and will be requested upon the selection of the final candidate. All positions at the University of Houston are security sensitive and will require a criminal history check.

University of Illinois Chicago

Open Rank Tenure Track Faculty - Computer Science

About the University of Illinois Chicago

UIC is among the nation's preeminent urban public research universities, a Carnegie RU/VH research institution, and the largest university in Chicago. UIC serves over 34,000 students, comprising one of the most diverse student bodies in the nation and is designated as a Minority Serving Institution (MSI), an Asian American and Native American Pacific Islander Serving Institution (AANAPSI) and a Hispanic Serving Institution (HSI). Through its 16 colleges, UIC produces nationally and internationally recognized multidisciplinary academic programs in concert with civic, corporate and

community partners worldwide, including a full complement of health sciences colleges. By emphasizing cutting-edge and transformational research along with a commitment to the success of all students, UIC embodies the dynamic, vibrant and engaged urban university. Recent "Best Colleges" rankings published by U.S. News & World Report, found UIC climbed up in its rankings among top public schools in the nation and among all national universities. UIC has nearly 260,000 alumni, and is one of the largest employers in the city of Chicago.

Description:

Position Summary

Located in the heart of vibrant Chicago, the UIC CS department anticipates hiring multiple tenure track faculty at all ranks starting from Fall 2024 (with preference for candidates at the Assistant and Associate Professor ranks). Candidates from all areas of computer science who could complement and enhance current departmental strengths are invited to apply. Augmented/Virtual Reality, Computational Biology, Computer Graphics, Computer Vision, Computer Systems, Cryptography, Databases, Languages and Compilers, Robotics, Software Engineering, and related areas are of particular interest. Candidates should have a PhD in Computer Science, Computer Engineering, or closely related fields, and the potential for excellence in teaching and research.

Applications must be submitted at *https://jobs.uic.edu/*, and must include a 1-page cover letter, curriculum vitae, teaching,

research, and diversity statements, and names and addresses of at least three references. Links to professional websites such as Google Scholar or ResearchGate are recommended. Applicants may contact the faculty search committee at *cs-tt-search@uic.edu* for more information.

Applications should be submitted by December 15, 2023, for fullest consideration. Applications will be accepted until the positions are filled.

Computational biology applicants are expected to work in areas related to biology, such as proteins, genomics, networks, cancer, and drug discovery, using computational methods such as machine learning and statistical modeling, and should describe how their work relates to existing activities at the Center for Bioinformatics and Quantitative Biology (CBQB) in their application materials.

The Department of Computer Science at UIC has 44 tenure-system faculty, 4 research faculty, and 24 clinical/teaching faculty. The department is committed to building a diverse faculty preeminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials.

Construction of a new building housing the UIC Computer Science department is under way; the building is expected to open in 2024. The building will include 80 faculty offices, graduate student offices,

16,000 square feet of classroom space, and many collaborative learning and teaching spaces.

UIC is a major public research university (Carnegie R1) with about 2,600 faculty and 33,500 students. UIC is committed to increasing access to education, employment, programs, and services for all. UIC is committed to supporting the success of dual-career couples.

Chicago epitomizes the modern, livable, vibrant, and diverse city. World-class amenities like the lakefront, arts and culture venues, festivals, and two international airports make Chicago a singularly enjoyable place to live. Yet the cost of living, whether in an 88th floor condominium downtown or on a tree-lined street in one of the nation's finest school districts, is remarkably affordable.

Duties: Teach, Conduct Research, Mentor Students

Qualifications: PhD in Computer Science, Computer Engineering or closely Related Field and the Potential for Excellence in Teaching and Research.

The University of Illinois at Chicago is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Offers of employment by the University of Illinois may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful

completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit *https://www.hr.uillinois.edu/cms/One.aspx?portalId=4292&pageId=1411899*.

Qualifications:

Minimum Qualifications

PhD in Computer Science, Computer Engineering or closely Related Field and the Potential for Excellence in Teaching and Research

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit Required Employment Notices and Posters to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, COVID-19 vaccination requirement, and employment eligibility review through E-Verify.

The university provides accommodations to applicants and employees. Request an Accommodation

University of Illinois Urbana-Champaign

Executive Associate Dean, School of Information Sciences

The University of Illinois Urbana-Champaign, the premier public research university in the State of Illinois, invites nominations and applications for the position of Executive Associate Dean of the School of Information Sciences (iSchool). The anticipated start date is negotiable and ideally by summer 2024. Reporting to the Dean of the iSchool, the Executive Associate Dean will provide leadership for the internal administration of the iSchool, including administrative oversight for the work of the iSchool's associate deans and assigned staff, as well as coordination of iSchool faculty affairs. The Executive Associate Dean should possess a Ph.D. or other terminal degree in one of the many fields within the Information Sciences and a record of recognized achievement in research, teaching, and service that would warrant a tenured appointment at the rank of Professor in the iSchool.

Inquiries, Nominations, and Applications: The University of Illinois has retained the executive search firm Korn Ferry. Inquiries, nominations, and/or the below required application materials (in separate PDFs) should be sent directly to Dr. Josh Ward at *Josh.Ward@KornFerry.com*.

Applications will continue to be reviewed until the position is filled, but applications will begin to be reviewed on January 19, 2024.

1. An up-to-date and detailed curriculum vitae.

2. A brief (2-4 pages) letter of interest describing why you are interested in the role of Executive Associate Dean, why you would be successful based on your professional experience, and why now is a good time for you to consider this opportunity.

Josh Ward, PhD, MPhil
Senior Client Partner,
Korn Ferry Education Practice

The University of Illinois is an Equal Opportunity, Affirmative Action employer that recruits and hires qualified candidates without regard to race, color, religion, sex, sexual orientation, gender identity, age, national origin, disability, or veteran status. For more information, visit *http://go.illinois.edu/EEO*.

University of Illinois Urbana-Champaign

The Grainger College of Engineering

Department of Computer Science - Instructional Faculty (Open Rank)

The Computer Science Department in the Grainger College of Engineering at the University of Illinois invites applications for multiple full-time teaching positions to support the continued expansion of our teaching activity in Urbana-Champaign, in Chicago, and online. We welcome applications from talented and innovative instructors able to teach across the computer science curriculum and are particularly interested in candidates who can teach algorithms and theory, and introductory courses in computer science. Applicants for Teaching Professor (all ranks) or Lecturer positions need to have (or are expected to receive) a PhD or equivalent terminal degree in computer science or a closely related field. Applicants for Instructor or Clinical Faculty (i.e., Professor of Practice working title) positions are required to have (or expected to receive) a Bachelor's degree or equivalent undergraduate degree in Computer Science or a related field. Initial appointments will be on three- to five-year contracts renewed annually, at a rank commensurate with prior experience, and at a highly competitive salary based on qualifications. Candidates must demonstrate their commitment to diversity, equity, and inclusion, and the ability to thrive working with a diverse group of students and colleagues.

Application review and interviewing will begin immediately. Applications received by November 15, 2023, will receive full consideration, but applications will be accepted until all positions are filled.

To apply for this position, please create a candidate profile at *https://jobs.illinois.edu* and upload a cover letter, curriculum vitae, teaching statement, diversity statement, and contact information for three references. Competitive applications will include evidence of effective pedagogy, such as course materials and assignments; peer, student, or statistical evaluations; or descriptions of novel approaches, tools, or systems that the applicant has developed. Applicants who desire confidentiality should explicitly

mention this in the first paragraph of their cover letter. For inquiries, please email *facultysearch@cs.illinois.edu*.

Successful applicants will join a large and active instructional faculty community. Our department's nearly 30 instructional faculty embrace the challenges and rewards of teaching at scale, but generally do so by teaching many students across a small number of courses. Many instructors choose to teach the same course for multiple semesters, allowing them to develop deep mastery of their subject while supporting long-term investments in innovative pedagogy.

Instructional faculty have primary responsibility for designing and delivering the undergraduate core but teach courses throughout the undergraduate and graduate degree programs and online. Instructional faculty also engage in other activities that support the university's educational mission, including leadership and service at the department, campus, or international level; collaborations that develop new courses or curricula; student mentoring and advising; creating systems and tools that support novel educational approaches; data analysis; community outreach; and research in computer science education or other areas of computer science.

A full description of this position announcement can be found at *https://cs.illinois.edu/faculty-positions*.

The University of Illinois System is an equal opportunity employer, including but not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit Required Employment Notices and Posters to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, and employment eligibility review through E-Verify. We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (*https://provost.illinois.edu/faculty-affairs/work-life-balance/*).

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal, or by contacting the Accessibility & Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing *accessibility@illinois.edu*.

University of Illinois Urbana-Champaign

The Grainger College of Engineering

Department of Computer Science -- Professor (Open Rank)

The Department of Computer Science at the University of Illinois Urbana-Champaign invites applications for full-time tenure-track faculty positions at all levels (Assistant Professor, Associate Professor, Full Professor). The CS department is in a growth phase and we have hired over 25 tenure-track faculty in the past three years. While we welcome applications from exceptional candidates in all areas, we particularly encourage applications from senior and mid-career candidates.

The Department is also participating in campus-wide searches for faculty in four areas: Neuro-Informatics: Big Data Computational Systems Neuroscience; Ethical, Legal, and Social Implications of Digital Transformation; AI for Community Health; and IMMERSE: Center for Immersive Computing. Candidates should state in their cover letter if they are interested in a strategic cluster hiring initiative and list which other participating departments they have applied to, if any.

Applicants are required to have (or expected to receive) a Ph.D. or equivalent terminal degree in Computer Science or a related field. Additional qualifications include the ability to teach effectively at both the graduate and undergraduate levels and the potential to initiate and carry out independent research.

We seek applicants that will contribute to the diverse, vibrant, and inclusive atmosphere in the department as we strive to make computing's remarkable opportunities available to everyone through the continued expansion of our research and teaching activity in Urbana-Champaign, in Chicago, and online.

A full description of this position announcement can be found at *https://cs.illinois.edu/faculty-positions*.

The University of Illinois System is an equal opportunity employer, including but

not limited to disability and/or veteran status, and complies with all applicable state and federal employment mandates. Please visit Required Employment Notices and Posters to view our non-discrimination statement and find additional information about required background checks, sexual harassment/misconduct disclosures, and employment eligibility review through E-Verify.

We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (https://provost.illinois.edu/faculty-affairs/work-life-balance/).

Applicants with disabilities are encouraged to apply and may request a reasonable accommodation under the Americans with Disabilities Act (2008) to complete the application and/or interview process. Requests may be submitted through the reasonable accommodations portal, or by contacting the Accessibility & Accommodations Division of the Office for Access and Equity at 217-333-0885, or by emailing accessibility@illinois.edu.

University of Iowa

Tenure-Track Assistant Professor(s) in Business Analytics

The award-winning Department of Business Analytics in the Tippie College of Business at the University of Iowa invites applications for one or more tenure-track faculty positions at the Assistant Professor level starting August 2024.

We are excited to consider a broad range of fields including Applied Mathematics, Business Analytics, Computer Science, Artificial Intelligence, Industrial Engineering, Informatics/Information Sciences, Logistics, Management Science, Operations Management/Supply Chain, Statistics, or any related field. The successful candidate(s) will contribute to vibrant and growing programs at the graduate and undergraduate levels.

Find more information at https://teach.tippie.uiowa.edu.

To apply, go to https://jobs.uiowa.edu/

University of Kentucky

Assistant Professor in Computer Science/Engineering

The Department of Computer Science at the University of Kentucky invites applications for multiple tenure-eligible, 9-month appointment (Regular Title Series) faculty positions to begin August 2024. We seek excellent candidates in all areas, with specific needs in AI/machine learning, software engineering/HCI, theoretical computer science, data science/data mining, wireless networks, computer systems and security. A demonstrated ability to collaborate with diverse teams to address grand societal challenges is highly desirable. Successful candidates must demonstrate a strong commitment to undergraduate and graduate education and be qualified to teach a broad range of courses in Computer Science. All regular title series faculty are expected to have a mix of research, teaching, and service to be negotiated

annually with the chair of the department. We will consider all ranks, with preference for candidates at the assistant professor level. Tenure-eligible faculty are expected to build a strong research program in their chosen area and to be dedicated teachers, contributing to our instructional offerings at both undergraduate and graduate levels.

The Department, housed within the College of Engineering, has 22 faculty members. We aim to be a diverse community of researchers and educators pursuing pioneering research in computer science as well as interdisciplinary research collaborations at the university and beyond; offering all students the highest quality instructional programs including Bachelor's, Master's, and PhD degrees in Computer Science, Master's degree in Data Science, and Bachelor's, Master's, and PhD degrees in Computer Engineering; expanding our reach to marginalized and underrepresented students, and serving the professional, local, state and global communities. The degree programs in Computer Engineering are offered in collaboration with the Department of Electrical and Computer Engineering Department; the undergraduate programs in Computer Science and in Computer Engineering are ABET-accredited.

The University of Kentucky is one of eight institutions in the United States with colleges of agriculture, arts and sciences, business, engineering, law, medicine, and pharmacy all on a single campus, making it uniquely suited for diverse interdisciplinary collaborations. Located in Lexington, one of the safest, most creative and well-educated cities in the nation, we offer an ideal setting

Asst/Assoc Professor, Asst/Assoc Scientist AI/ML

The University of Kansas (KU) Department of Electrical Engineering and Computer Science (EECS) and the **Institute for Information Sciences (I2S)** seek outstanding individuals for a **joint tenure/tenure-track position** at the rank of **Asst/Assoc Professor, Asst/Assoc Scientist in Electrical Engineer**ing with a focus on **Artificial Intelligence and Machine Learning**.

Successful candidates are expected to contribute to the development of academic programs and contribute to the research community. Applicants are expected to have an earned doctorate, or equivalent, in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field at the time of appointment. The successful candidate must be eligible to work in the U.S. by the effective date of appointment.

Applicants are expected to develop and sustain a research program focusing on foundational research of an interdisciplinary nature. Applicants focusing on machine learning and data mining are encouraged to apply. The expertise of interest includes, but is not limited to, artificial intelligence, big data analytics, design and optimization of deep learning and neural networks, software/hardware implementation of machine learning algorithms, data science, and their applications in science and engineering. Applicants pursuing research in areas that are synergistic with KU's recent Research Rising efforts on Securing Our Worlds: Physical, Digital, Social are preferred.

The University of Kansas School of Engineering (SoE), the EECS Department, and I2S strongly value diversity, equity, inclusion, and belonging (DEIB). We seek candidates who can contribute to fostering an inclusive culture. In Spring 2019, KU SoE was one of only 29 universities to achieve the exemplar, inaugural ASEE Diversity Recognition Bronze Award; this recognition was renewed in 2022. In a continuing effort to enrich its academic environment and provide equal educational and employment opportunities, the university actively encourages applications from members of underrepresented groups in higher education.

EECS is the largest department in the KU School of Engineering with 37 faculty members and a research volume of over $6 million per year. Faculty engage in research projects across multiple areas of interest through the department, the Institute for Information Sciences (I2S), the Center for Remote Sensing and Integrated Systems (CReSIS), and the KU Medical Center. The EECS department offers undergraduate and graduate degrees in electrical engineering, computer engineering, computer science, and interdisciplinary computing. The department has approximately 1,000 undergraduate and 250 graduate students. The KU School of Engineering has added new faculty lines over a five-year period and has expanded research and teaching facilities.

Online applications should be submitted at: https://apptrkr.com/4761211

Review of application materials has been extended to November 15th and will continue as long as needed to identify a qualified pool of candidates.

KU is an EO/AAE. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, national origin, gender identity, disability, genetic information, parental status, gender identity, gender expression or protected Veteran status. http://policy.ku.edu/IOA/nondiscrimination

in which to build a successful work-life balanced career. Lexington is the heart of the scenic Bluegrass Region, with many outdoor recreation opportunities and excellent public and private schools. To learn more about these benefits, please visit: *https://www.uky.edu/hr/benefits*.

Applications are now being accepted. Review of submissions will begin immediately and continue until the positions are filled. Candidates must have earned a PhD in Computer Science or closely related field at the time employment begins.

To apply, a University of Kentucky Academic Profile must be submitted at the following link: *https://ukjobs.uky.edu/postings/486613*. Applicants should submit a cover letter, full curriculum vitae, research statement (upload under Specific Request 1), teaching statement (upload under Specific Request 2), and contact information for a minimum of three references when prompted in the application.

Questions should be directed to HR/Employment by phone at 1-859-257-9555 (press 2) or email (*ukjobs@email.uky.edu*) or to Diane Mier (*diane.mier@uky.edu*) in the Computer Science Department. Upon offer of employment, successful applicants must undergo a national background check as required by University of Kentucky Human Resources.

The University of Kentucky is an equal-opportunity employer and especially encourages applications from women and members of underrepresented groups.

University of Kentucky

Assistant Professor, Information Communication Technology

Teaching responsibilities for this nine-month appointment include topics primarily in information communication technology such as information systems, system design, application development, software design, cloud computing, artificial intelligence, human computer interaction, computer security, databases, or health informatics. Candidates will be expected to teach a 2-2 teaching load. Faculty are expected to teach, advise students, maintain a personal research program, participate in professional activities, and serve on university committees. Opportunities exist to work with doctoral students in the College's interdisciplinary Ph.D. program.

APPLY HERE

University of Konstanz

Full Professorship in Data Analytics and Computational Statistics

The University of Konstanz is one of eleven Universities of Excellence in Germany. Since 2007 it has been successful in the German Excellence Initiative and its follow-up program, the Excellence Strategy.

The Department of Computer and Information Science seeks to fill the position of a

Full Professorship in Data Analytics and Computational Statistics (Salary level W 3)

The start date is April 1, 2025 or by agreement.

The successful candidate designs and develops novel methods and techniques in the intersection of statistics, scientific computing, and data analytics. A close connection of these fields to applications in economics, political science, psychology, or sociology is expected. The holder of the position takes a leading role in the interdisciplinary Master's program in Social and Economic Data Science (SEDS).

Further information on the advertised position can be found *here*.

We look forward to receiving your application with the usual documents (curriculum vitae, publication list, a list of courses taught, a list of grants with funding amount and awards, statements on current research topics, future research directions and interests as well as on teaching) until January 31, 2024 via our *Online Application Portal.*

University of Louisiana at Lafayette

Multiple Tenure-Track Assistant Professor Positions

We are seeking to hire multiple dynamic scholars who will be active researchers and educators in Computer Science and/or Informatics, specializing in any area of Computer Science, Computer and Software Engineering and Informatics. The candidate must maintain an ongoing involvement with the professional community through activities of IEEE and ACM.

Qualifications:

The successful applicants must have a Ph.D. degree in Computer Science or a closely related field by the date of appointment. Applicants will have an established record of or demonstrated potential for excellence in research, teaching and service. Applicants must possess the skills normally associated with R1-university level. The applicant's professional experience must be significant both in extent and level of responsibility. Successful candidates must be committed to working effectively with diverse student populations. Applicants are expected to describe their commitment to fostering a highly impactful multi-disciplinary research program. Applicants should submit, along with the cover letter and a comprehensive resume, research and teaching statement, publication record and 3 reference letters.

Use the links below to apply:

Assistant Professor Positions:

https://louisiana.csod.com/ ux/ats/careersite/1/home/ requisition/2477?c=louisiana

https://louisiana.csod.com/ ux/ats/careersite/1/home/ requisition/2088?c=louisiana

https://louisiana.csod.com/ ux/ats/careersite/1/home/ requisition/2478?c=louisiana

Associate Professor:

https://louisiana.csod.com/ ux/ats/careersite/1/home/ requisition/2475?c=louisiana

University of Maine

Chair of Electrical and Computer Engineering

The Department of Electrical and Computer Engineering (ECE) at the University of Maine, the flagship R1 campus, invites applications for the position of Department Chair. The department is part of the Maine College of Engineering and Computing (MCEC), which is a statewide, integrated college bringing together the natural synergies of engineering disciplines and computing and provides the technical workforce and innovations that are critical to moving our economy forward.

The successful candidate will bring outstanding leadership and administrative skills to the department and has a strong record in teaching and research and an articulated vision for the future of the research enterprise and teaching capabilities of the department that align with the University's Strategic Vision and Values.

The University of Maine is an equal opportunity/affirmative action institution.

For more information: *https:// umaine.hiretouch.com/job-details?jobID=83348&job=chair-of-electrical-and-computer-engineering*

University of Maine

Assistant Professor of Spatial Computing

The School of Computing and Information Science at the University of Maine seeks applicants for a tenure-track

Assistant Professor position in the Spatial Computing group. We seek applicants in the broad area of spatial computing, including spatial statistics, GIScience, spatial HCI, spatial data science, and spatial AI, but we will consider qualified candidates in all areas in the spatial domain. Applicants should have a PhD in computer science, GI science, information science, geography, psychology/cognitive science, or a closely related discipline by date of hire, and demonstration of a strong research profile as evidenced by relevant and recent contributions in peer-reviewed conferences and journals.

To Apply, visit: *https://umaine. hiretouch.com/job-details?jobid=82589*.

University of Maryland, Baltimore County (UMBC)

Department of Information Systems

Multiple Tenure-Track Faculty Positions

The Department of Information Systems (IS) at UMBC invites applications for four tenure-track faculty positions starting August 2024. One of these positions are at assistant professor level and the other three are open rank. One open rank position is preferably in the area of human centered computing and the other open rank position is preferably in the area of data or business analytics, and the other two positions are in any area that will complement and extend our current strengths, including but not limited to AI, data science, human centered computing, health informatics, software engineering, and computer education. More information

about research interests of our faculty can be found at *https://informationsystems.umbc.edu/home/research/*. Candidates with research interests cross-cutting multiple areas are particularly encouraged to apply. Candidates must have earned a Ph.D. in related fields no later than August 2024. We are particularly interested in receiving applications from individuals who are members of groups that historically have been under-represented in the professoriate, and individuals who are willing to contribute to the diversity mission of the university and the department.

More information about the position and application requirements are available at *http://apply.interfolio.com/133068*.

Candidates' experience will be evaluated commensurate to the rank to which they are applying. For inquiries, please email to *is_faculty_search_2023@umbc.edu.* An informational webinar will also be held Tuesday November 28th at 5pm Eastern. If you are interested in the webinar, please register at *https://forms.gle/9A3TQeGvCLygauiz5*. Review of applications will begin in late December 2023 and will continue until the position is filled.

UMBC is an Affirmative Action/Equal Opportunity Employer and welcomes applications from minorities, women, veterans, and individuals with disabilities.

University of Maryland, Baltimore County

Tenure Track in Computer Science

The Department of Computer Science and Electrical Engineering (CSEE) at the University of Maryland, Baltimore County (UMBC) invites applications for an open rank, tenured/tenure-track position across all areas of Computer Science to begin in the Fall of 2024. Applicants should have or be completing a Ph.D. in a relevant discipline, have a strong research record with the potential to develop a funded research program, have a strong commitment to undergraduate and graduate teaching, and have a strong commitment to diversity and inclusive excellence. Candidates will be expected to build and lead a team of student researchers, obtain external research support, and teach both graduate and undergraduate courses.

We are committed to inclusive excellence and innovation and welcome applications from women, minorities, veterans, and individuals with disabilities. UMBC is an affirmative action/equal opportunity employer.

The CSEE department is research-oriented and multi-disciplinary with programs in Computer Science, Computer Engineering, Electrical Engineering, Data Science, and Cybersecurity. The College of Engineering and Information Technology at UMBC crosses the boundaries of engineering, computing, and information disciplines to develop research and educational programs that engage faculty, students, and staff from all of the disciplines. UMBC is a Carnegie Research 1 Institution that is leading the world in inclusive excellence in research and teaching. We are redefining how to teach, and we are one of the most innovative universities in the nation, according to US News.

Applicants should submit a cover letter, a statement of research experience and interests, a statement of teaching experience and interests, a statement of commitment to diversity and inclusive excellence, a CV, and three letters of recommendation at

http://apply.interfolio.com/133579

Applicant review will begin in November 2023. For full consideration, please submit application materials by December 1, 2023. Applications will be accepted until the position is filled. Please send questions to *jobsTT@csee.umbc.edu* and see *http://csee.umbc.edu/jobs* for more information.

University of Maryland, Baltimore County

Open Rank Tenure Track Positions in Electrical, Optical or Computer Engineering

The Department of Computer Science and Electrical Engineering (CSEE) at the University of Maryland, Baltimore County (UMBC) invites applications for multiple open rank, tenured/tenure-track positions across all areas of Computer and Electrical Engineering including but not limited to VLSI/ASIC/FPGA, hardware security and trust, neural computation device and circuits, intelligent autonomous systems, semiconductor, photonic-integrated-

circuits, nanotechnology, signal processing and sensing systems, 5G/6G wireless systems and biomedical engineering to begin in the Fall of 2024. Applicants should have or be completing a Ph.D. in a relevant discipline, have a strong research record with the potential to develop a funded research program, have a strong commitment to undergraduate and graduate teaching, and have a strong commitment to diversity and inclusive excellence. Candidates will be expected to build and lead a team of student researchers, obtain external research support, and teach both graduate and undergraduate courses.

We are committed to inclusive excellence and innovation and welcome applications from women, minorities, veterans, and individuals with disabilities. UMBC is an affirmative action/equal opportunity employer.

The CSEE department is research-oriented and multi-disciplinary with programs in Computer Engineering, Electrical Engineering, Computer Science, Data Science, and Cybersecurity. The College of Engineering and Information Technology at UMBC crosses the boundaries of engineering, computing, and information disciplines to develop research and educational programs that engage faculty, students, and staff from all of the disciplines. UMBC is a Carnegie Research I Institution that is leading the world in inclusive excellence in research and teaching. We are redefining how to teach, and we are one of the most innovative universities in the nation, according to US News.

Applicants should submit a cover letter, a statement of research experience and interests, a statement of teaching experience and interests, a statement of commitment to diversity and inclusive excellence, a CV, and three letters of recommendation at *http://apply. interfolio.com/132913*

For full consideration, please submit application materials by February 1, 2024. Applications will be accepted until the position is filled.

Please send questions to *jobsTT@csee. umbc.edu* and see *http://csee.umbc.edu/ jobs* for more information.

University of Massachusetts Dartmouth

Assistant/Associate Professor-Computer and Information Science

The CIS Department currently has 15 full-time faculty members. The department offers BS and MS programs in Computer Science, a joint program with the Department of Mathematics in Data Science, and a PhD program in Engineering & Applied Science (EAS) with a Computer Science and Information Science (CSIS) option. In recent years, CIS faculty have received multiple external research grants from the NSF, NIH, ONR, Department of the Army, and corporations, including an NSF CAREER award and an NIH R01 award.

The successful candidate will be expected to develop a nationally recognized, externally funded research program; teach and advise undergraduate and graduate (MS & PhD) students; contribute to university and professional service; foster interdisciplinary collaborations; and engage in college and university diversity, equity, and inclusion initiatives.

Qualifications: Candidates must have a doctorate in Computer Science, or a closely related field, at the time of appointment, and demonstrate a strong commitment to teaching excellence and scholarly research as well as diversity, equity and inclusion. Strong candidates will have significant research experience in artificial intelligence and software engineering and teaching experience in higher education. Postdoctoral research experience is highly desirable. We are especially interested in receiving qualified applications from scholars historically underrepresented in science, mathematics, and engineering, including veterans and persons with disabilities.

For more information about this position, qualifications, and how to apply, please navigate to our website at *UMass Careers*. Qualified applicants are invited to submit electronically a letter of interest, detailed curriculum vitae, contact information for at least three professional references, and concise statements on research plans, teaching philosophy, and diversity. Employment is contingent upon verification of background/credentials and work authorization.

Screening of complete applications will begin on December 1, 2023 and will continue until the position is filled.

Professional Opportunities

University of Massachusetts Lowell

Tenure-Track Faculty - Miner School of Computer & Information Sciences : All Ranks (Multiple Positions)

General Summary of Position:

The Richard A. Miner School of Computer & Information Sciences (CIS) at the University of Massachusetts Lowell invites applications for two tenure-track open rank faculty positions (Assistant, Associate or Full) to start in September 2024. The Miner School of Computer & Information Sciences (CIS) was launched in Summer 2022 and named in honor of distinguished alumnus Rich Miner, co-founder of Android, the company and mobile operating system that Google acquired and launched.

Minimum Qualifications (Required):

Applicants must hold a PhD in computer and information sciences or a closely related discipline and must be committed to developing and sustaining externally-funded research programs

Special Instructions to Applicants:

Review of applications will begin January 2, 2024. Applications received by January 16, 2024 will be given full consideration with applications continuing to be considered after that date until the positions are filled. Women and underrepresented minorities are strongly encouraged to apply.

For full position details/requirements and to apply, please visit: *UML T-T Faculty Miner School of Computer & Information Sciences*

University of Michigan

Computer Science & Engineering Faculty Positions

Computer Science and Engineering (CSE) at the University of

Michigan College of Engineering invites applications for multiple tenure-track and teaching faculty (lecturer) positions, as part of its aggressive long-term growth plan. We seek exceptional candidates in all areas across computer science and computer engineering, across all ranks. Qualifications include an outstanding academic record; an awarded or expected doctorate (or equivalent) in computer science, computer engineering, or a related area. We seek faculty members who commit to excellence in graduate and undergraduate education, will develop impactful, productive and novel research programs, and will contribute towards advancing a culture of diversity, equity and inclusion.

We will begin reviewing applications as soon as they are received, starting October 1st, 2023 and continuing throughout the academic year. For more details on these positions and to apply, please visit *https://cse.engin.umich.edu/about/faculty-hiring/*.

The University of Michigan is one of the world's leading research universities, consisting of highly ranked departments and colleges across engineering, sciences, medicine, law, business, and the arts, with a commitment to interdisciplinary collaboration. CSE is a vibrant and innovative community, with more than 90 world-class faculty members, more than 400 graduate and 2500

undergraduate students, and a large and illustrious network of alumni. Ann Arbor is consistently rated one of the best small cities in the nation. More area information is available at *https://cse.engin.umich.edu/about/visit/area-information/*.

Michigan Engineers are world-class educators, researchers, students and staff who strive to build a people-first future. As part of the nation's number one public research institution, Michigan Engineering's mission is to provide scientific and technological leadership to the people of the world, develop intellectually curious and socially conscious minds, create collaborative solutions to societal problems, and promote an inclusive and innovative community of service for the common good.

Our vision, mission and values are supported by a people-first engineering framework that guides our work. As Michigan Engineers, we strive to apply excellent engineering fundamentals, integrated expertise and equity-centered values to reimagine what engineering can be, close critical gaps, and elevate all people. Information about our vision, mission and values can be found at: *http://strategicvision.engin.umich.edu/*.

The University of Michigan has a storied legacy of commitment to Diversity, Equity and Inclusion (DEI). Michigan Engineering models that commitment in our research, teaching, culture and collaborations. We seek to recruit and retain a diverse workforce as a reflection of that commitment. Learn more about DEI at Michigan Engineering: *https://www.engin.umich.edu/culture/diversity-equity-inclusion/*

CSE is firmly committed to DEI and improving our climate through transparent communication and effective action, as shown in our annual report: *https://cse-climate.engin.umich.edu/reports/climate-dei-reports/cse-climate-and-dei-report-2022-2023/*

The University of Michigan is an equal opportunity/affirmative action employer, and is responsive to the needs of dual career families.

University of Michigan

Post-Doc in Natural Language Processing (NLP)

Research Fellow Job#240982

Position available immediately in the LAnguage Understanding and generatioN researCH (LAUNCH) group at the Artificial Intelligence Laboratory, CSE, University of Michigan, Ann Arbor. Under supervision of Dr. Lu Wang, PostDoc will have the opportunity to work on a wide variety of NLP topics including (but not limited to): narrative understanding, natural language generation, and AI alignment.

Responsibilities include performing research, publishing the results, providing technical guidance on projects for graduate and undergraduate students, and assisting in research proposal writing. Interested candidates should visit *https://web.eecs.umich.edu/~wangluxy/* for more information on the research group and current projects.

PhD in CS or related fields, with demonstrated interest in NLP is required.

Submit a statement of interest, CV, two representative publications and two contacts (one is PhD advisor) who can provide references for the applicant. Must possess valid work authorization and pass a background screening if selected. Salary range - $70,000-$75,000.

The University of Michigan is an equal opportunity/affirmative action employer.

University of Michigan

Tenure-Track or Tenured Faculty in AI for Science and Society

The University of Michigan's School of Information (UMSI) in Ann Arbor, Michigan seeks qualified tenure-track assistant, associate, or full professor in the field of AI for Science and Society. We are particularly interested in candidates building and applying novel AI approaches (e.g., generative models) in transformative research of science and society. This includes areas such as education, behavioral sciences, healthcare, future of work, digital humanities, public policy, social sciences, and other disciplines that are aligned with UMSI's research landscape.

UMSI seeks applicants who can contribute to the missions of the school and the university. For more information about the position and application instructions, please visit *https://www.si.umich.edu/about-umsi/prospective-faculty*.

Job Expectations and Responsibilities:

Job duties include research, teaching, and service. Job responsibilities include but are not limited to: Teach postsecondary courses in the School of Information; advise and mentor students; conduct research in area of specialization; publish research in peer reviewed journals and other academic publications; seek external research funding; provide service to the School and University.

Each contributing member of the UMSI faculty is expected to have a teaching effort equivalent to three semester-long courses per year.

All application materials must be submitted electronically to: *https://apply.interfolio.com/135664*.

Minimum Requirements

PhD in Computer Science, Information Science, Statistics, Economics, Public Policy, or a related field.

U-M EEO/AA Statement

The University of Michigan is an equal opportunity/affirmative action employer.

Background Screening

The University of Michigan conducts background checks on all job candidates upon acceptance of a contingent offer and may use a third-party administrator to conduct background checks. Background checks will be performed in compliance with the Fair Credit Reporting Act.

University of Michigan

Assistant/Associate/Professor

The Robotics Department in the College of Engineering at the University of Michigan invites applications for faculty positions

at all ranks that will join our mission to accelerate advances in robotics for the benefit of society. Successful candidates will have a relevant doctorate or equivalent experience and an outstanding record of achievement and impactful research in academia, industry, and/or at national laboratories. They will have a strong record of commitment to teaching at the undergraduate and graduate levels, to providing service to the university and to the profession, and to broadening the intellectual diversity of the College.

The Robotics Department seeks to fill multiple tenure-track faculty positions and invites candidates across all research areas relevant to robotics to apply. Candidates in computational areas of robotics such as perception and learning are especially encouraged to apply. Women and underrepresented minorities are highly encouraged to apply. Please see application instructions and further information at *https://robotics.umich.edu/jobs/*.

Application review will begin on November 6, 2023 and will continue on a rolling basis. All applications submitted by December 1, 2023 will receive full consideration.

The Robotics Department at the College of Engineering is committed to providing its members with an environment filled with integrity, enthusiasm, and respect. For more information about our values, please see: *https://robotics.umich.edu/about/values/*. Growing out of a successful Robotics Institute, the Department was established in 2022 to offer Bachelor's degrees in addition to Masters and PhDs degrees (since 2014), with the goal of formally establishing and defining the discipline of Robotics.

The University of Michigan is one of the world's leading research universities, with $1.86B in research expenditures (FY2023). Consistently ranked among the top research universities by USNews and NSF, it has 19 schools and colleges, the University is rich with opportunities for collaboration and cross-disciplinary inquiry. We are located in Ann Arbor, MI, which is ranked the #1 Best College Town in the U.S. by WalletHub (2021), #2 City with the Best Public Schools in America by Niche.com (2021), and #1 Best Places to Live for Families by Fortune (2022).

The University of Michigan is an Affirmative Action, Equal Opportunity Employer with an Active Dual-Career Assistance Program. The College of Engineering is especially interested in candidates who contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

University of Michigan-Dearborn

Assistant Professor in Computer and Information Science (CIS)

The CIS Department at the University of Michigan-Dearborn invites applications for a tenure-track Assistant Professor position in the general area of computer systems (including distributed systems, parallel systems, mobile systems, database systems, intelligent systems, compiler systems, software system development, etc.). The expected starting date is September 1, 2024. Although candidates at the Assistant Professor rank are preferred, exceptional candidates may be considered for the rank of Associate Professor depending upon experience and qualifications. We offer competitive salaries and start-up packages.

The CIS Department offers several B.S. and M.S. degrees, and a Ph.D. degree. The current research areas in the department include artificial intelligence, computational game theory, computer graphics, cybersecurity, data privacy, data science/management, energy-efficient systems, game design, graphical models, machine learning, multimedia, natural language processing, networking, service and cloud computing, software engineering, and health informatics. These areas of research are supported by several established labs and many of these areas are currently funded by federal agencies and industries.

The department and College of Engineering of Computer Science value a culture of diversity, equity, and inclusion. We are committed to the development of diverse and culturally intelligent faculty who thrive and contribute to a positive and inclusive environment.

Qualifications:

Qualified candidates must have earned a Ph.D. degree in computer science or a closely related discipline by September 1, 2024. Candidates will be expected to do scholarly and sponsored research, as well as teaching at both the undergraduate and graduate levels.

Applications:

Applicants should send a cover letter; curriculum vitae; statements of teaching, research interests, and diversity; evidence of teaching performance (if any); and a list of three references through Interfolio at: *http://apply.interfolio.com/135840*

Review of applications will start on January 10, 2024, but applications will be accepted until the position is filled.

The University of Michigan-Dearborn, is an equal opportunity/affirmative action employer.

University of Michigan

Post-Doc in Natural Language Processing (NLP)

Research Fellow Job#240982

https://careers.umich.edu/job_detail/240982/research-fellow-natural-language-processing

Position available immediately in the LAnguage Understanding and generatioN researCH (LAUNCH) group at the Artificial Intelligence Laboratory, CSE, University of Michigan, Ann Arbor. Under supervision of Dr. Lu Wang, PostDoc will have the opportunity to work on a wide variety of NLP topics including (but not limited to): narrative understanding, natural language generation, and AI alignment.

Responsibilities include performing research, publishing the results, providing technical guidance on projects for graduate and undergraduate students, and assisting in research proposal writing. Interested candidates

should visit *https://web.eecs.umich.edu/~wangluxy/* for more information on the research group and current projects.

PhD in CS or related fields, with demonstrated interest in NLP is required. Submit a statement of interest, CV, two representative publications and two contacts (one is PhD advisor) who can provide references for the applicant. Must possess valid work authorization and pass a background screening if selected. Salary range - $70,000-$75,000.

The University of Michigan is an equal opportunity/affirmative action employer.

University of Minnesota-Twin Cities

Multiple tenure-track positions in Computer Science & Engineering

The Department of Computer Science & Engineering in the College of Science and Engineering at the University of Minnesota-Twin Cities is hiring for multiple tenure-track positions at all ranks. The focus of the search is on candidates with research and teaching interests in Human-Centered AI: Fairness, Accountability, and Transparency; Data Science/Machine Learning, and the Theoretical Foundations of Computer Science. Exceptional candidates in all other areas of computer science will also be considered.

Candidates must have earned a Ph.D. in Computer Science or a closely related discipline at the time of appointment. Submit materials as described at *https://z.umn.edu/compsci_faculty_apply*.

For full consideration, please apply by December 1, 2023; however, review of applications will continue until the positions are filled.

The Department of Computer Science & Engineering recognizes and values the importance of collegiality, diversity, and inclusion in enriching the experience of its employees and in supporting the academic mission. The University provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

University of Missouri

NTT Teaching Professor - Data Science & Analytics

The University of Missouri Institute for Data Science and Informatics (IDSI) is accepting applications for a 9-month non-tenure track (NTT) Teaching Professor (all ranks) of Data Science and Analytics in our nationally recognized Fortune top 10 Data Science & Analytics Online Master of Science Degree program (*https://dsa.missouri.edu*).

This position will teach four sections of graduate level data science and analytics courses per semester in online and on-campus formats.

Qualifications:

- A Ph.D. in Data Science, Data Analytics, Computer Science, Informatics, Applied Statistics, or closely related field required

- Demonstrated teaching data science and analytics using computational tools

- Experience with big data ecosystems

- Familiarity with on-line and in-seat instruction for on-campus classes

Apply here: *https://erecruit.umsystem. edu/psc/tamext/COLUM/HRMS/c/HRS_ HRAM_FL.HRS_CG_SEARCH_FL.GBL?[...]&FOC US=Applicant&SiteId=9&JobOpeningId=49 318&PostingSeq=1&*

University of Missouri

Postdoc Researcher

The University of Missouri is inviting applications for a two-year funded postdoctoral position at the nexus of cybersecurity, artificial intelligence, and game-based virtual reality. This groundbreaking project is designed to provide specialized workforce training for neurodiverse adults. Ideal candidates should possess a PhD and have a proven track record of excellence in research and development. Skills in VR development using Unity are considered a significant plus. This role offers a unique opportunity for interdisciplinary collaboration, blending cutting-edge technology with inclusive educational practices.

For more details and to apply, visit *https://tinyurl.com/5a7jnej5*.

University of Missouri, Columbia

Post Doctoral Fellow

MU is inviting applications for a postdoctoral position in areas of cyber security and cloud computing. Promising candidates should have a PhD and proven ability, or strong potential, for excellence in research and development.

For application information, please visit *https://tinyurl.com/yzsyyucx*.

Deadline for application is December 15, 2023.

University of New Haven

Lecturer – Non-Tenure Track - Data Science

Tagliatela College of Engineering

The Department of Electrical and Computer Engineering & Computer Science at the University of New Haven seeks qualified candidates for a lecturer position in Data Science. Successful candidates will have a Ph.D. degree, or an M.S. degree with significant experience, in data science, informatics, computer science, or a related field. Candidates must demonstrate effective communication skills and a commitment to excellence in teaching. The expected start date is January 2024; a fall 2023 start may be negotiable.

See *http://apply.interfolio.com/135844* for a full position description

University of New Haven

Assistant Professor, Data Science

Tagliatela College of Engineering

The Department of Electrical and Computer Engineering & Computer Science at the University of New Haven seeks qualified candidates for a tenure-track assistant professor position in Data Science. Successful candidates will have a Ph.D. degree in data science, informatics, computer science, or a related field. Candidates must demonstrate effective communication skills, a commitment to excellence in teaching, and the promise for strong scholarship and grant funding. The expected start date is August 2024.

See *http://apply.interfolio.com/137409* for a full position description.

http://apply.interfolio.com/137409

The University of New Mexico

Open Rank in Quantum Information Science & Engineering

The University of New Mexico (UNM) is conducting a search to hire a diverse cohort of outstanding faculty in the areas of theoretical quantum information science, quantum computing algorithms and applications, experimental quantum optics/AMO quantum physics, and experimental quantum materials and systems. The positions are open rank, with initial appointments commensurate with experience and qualifications. Successful candidates will become members of

academic departments in the School of Engineering and/or College of Arts and Sciences, including, but not limited to, Chemistry and Chemical Biology, Computer Science, Electrical & Computer Engineering, Mathematics, and Physics & Astronomy. Candidates will also have the opportunity to affiliate with some of UNM's world-class research centers including the Center for Quantum Information and Control (CQuIC), the Center for High Technology Materials (CHTM), and the Center for Advanced Research Computing (CARC). Successful candidates will help to grow the interdisciplinary program in Quantum Information Science and Engineering (QISE) across the university and participate in the newly launched Quantum New Mexico (QNM) initiative. QNM has been established as a partnership between with the University of New Mexico and Sandia National Laboratories, with opportunities to grow collaborative research and education with other national laboratories and universities across the state of New Mexico.

These positions are for tenured and tenure-track faculty in the School of Engineering and/or College of Arts and Sciences. Tenured and tenure-track faculty in the school/college are fully funded academic year (9 month) positions.

We invite applications for tenure and tenure-track faculty in the following focus areas.

Theoretical Quantum Information Science (QIS) with primary areas of interest, including: quantum information theory; the interface of quantum information and fundamental physics such as condensed matter and high energy physics; quantum computer science and algorithms; the interface of quantum information and quantum chemistry; quantum simulation and many-body physics; quantum control and open quantum systems; quantum error correction; and quantum benchmarking and validation. Other topics of interest include quantum simulation; quantum complexity theory; application of QIS to problems in optimization and statistical machine learning; quantum architecture and software co-design; and mathematical foundations of QIS.

Experimental Quantum Optics/AMO Quantum Physics with primary areas of interest at the intersection of quantum optics, atomic & molecular physics, and quantum information. Topics of interest include: fundamental physics of quantum optics and AMO systems; photonic and atomic quantum sensing and metrology; quantum computing and quantum information; quantum communication and quantum networking; quantum memory/repeater architectures; and quantum simulators.

Experimental quantum materials and systems with primary areas of interest including: photonics-based quantum science and technology; experimental photonics-based system-level quantum computing and communications. Candidates working in areas including quantum materials; quantum sensors; advanced spectroscopy and microscopy; and applications to biophysics, physics, engineering, or medical fields are strongly encouraged to apply.

Minimum Qualifications (open rank)

- PhD in a field relevant to quantum sciences, including engineering disciplines, physics, chemistry, computer science, mathematics, etc.

- A record of high-quality research productivity in the relevant fields.

Preferred Qualifications

- Record of, or potential for, securing externally funded research grants in the relevant fields

- Record of successfully mentoring and/or teaching students or trainees

- History of working collaboratively in partnership with colleagues across disciplines and/or institutions

- Record of engagement with national labs and/or industry in relevant fields

- A demonstrated commitment to advancing diversity, equity, inclusion, and student success, and working with diverse communities

- Record of, or potential for, teaching courses in the selected home departments

Requested Application Materials

- Cover Letter (1-2 pages): Candidates should describe their suitability for the position by addressing both the minimum and preferred qualifications. They also should indicate the focus area and academic rank for which they are applying, and their top two preferred home departments, rank ordered.

- Research Statement (3 pages maximum, not including references): Candidates should summarize their previous research

experience and include short- and long-term research goals. They also should describe how their research plans are tied to potential funding and potential funding agencies.

- Teaching Statement (2 pages maximum): Candidates should describe their teaching experience. They also should include their teaching philosophy and overall pedagogical strategy. Furthermore, candidates should describe their culturally-responsive approach to inclusive excellence in their teaching. In addition to specifying courses they would like to teach in the focus areas, they should identify other courses of interest that would contribute to the course offerings of the preferred home departments. Candidates should describe any mentoring experience and should specify if done with students from underrepresented backgrounds.

- Statement of Contributions to Inclusive Excellence (2 pages maximum): Candidates should discuss their record of accomplishment in advancing inclusive excellence, and their plans for advancing efforts at UNM. The statement should include specific contributions to actively mitigate inequities for any constituency. Furthermore, candidates should describe plans to mentor, support and amplify diverse voices in higher education and to foster healthy educational and research environments at their institution or outside. Examples of past efforts or ideas suitable for a Hispanic-Serving Institution R1 public university will strengthen the statement.

- Curriculum Vitae (CV): most recently updated CV

- List of professional references: 3-5 professional references required (names and contact information at time of application).

First Best Consideration Date: January 10, 2024

Additional best consideration dates may be announced in the future but are contingent upon availability of positions and funding.

Start date is negotiable, with an earliest start date of Fall 2024.

Requisition: 27555 - Open Rank in Quantum Information Science & Engineering - UNM Jobs Career Site :: The University of New Mexico (csod.com)

UNC Charlotte

Faculty Positions in College of Computing & Informatics

In response to the State of North Carolina's initiative to "engineer a smart and secure future", the College of Computing and Informatics (CCI) at the University of North Carolina at Charlotte invites applications for (7) full-time tenure-track positions at all academic ranks. Successful candidates will bring expertise related to: Cloud/Distributed Systems, Cyber-physical systems, New Models of Computing and Algorithms, Modern software systems, Human centered computing and Security, privacy, resiliency and intelligence to one or more of the thematic foci of the research clusters.

As an institution of over 30,000 students located in the state's largest metropolitan area, UNC Charlotte is North Carolina's urban research university. The College is home to over 4,791 students in B.S., M.S., and Ph.D. programs. Current research and teaching strengths of 90+ faculty include AI and machine learning; security and privacy, robotics; visualization; cyber-physical systems; high-performance computing; human-centered computing and design, software systems, and CS education.

Please visit *https://cci.charlotte.edu/applications-are-being-accepted-for-multiple-faculty-positions/* for additional details on the requirements and areas of interest.

EOE

University of North Carolina-Chapel Hill

Tenure-Track, Tenured, and Teaching Faculty Positions in Computer Science

The Computer Science Department at UNC-Chapel Hill has multiple tenure-track and teaching-track openings in all areas of CS and at all ranks, including at the rank of Distinguished Full Professor. We are interested in candidates who will bolster existing research strengths in our department. Additionally, we are keen to attract candidates in foundational CS topics like programming languages, compilers, computer architecture, OS, databases, algorithms, and computational complexity theory, and especially those who are working at the intersection of these topics with emerging areas like machine learning, large language models, computer vision, and AR/VR.

UNC has recently established a new School of Data Science & Society (SDSS) and the Computer Science Department has already hired faculty members who hold joint appointments in CS and in SDSS. Additional such joint hires will continue.

We will begin considering candidates after December 1, 2023 and will continue accepting applications until all positions are filled.

For further details, please see *cs.unc.edu/faculty-hiring*

UNC Chapel Hill is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or status as a protected veteran.

University of North Florida

Assistant Professor

The School of Computing at the University of North Florida (UNF) is hiring two (2) tenure-earning positions at the assistant professor rank, to begin August 2024. All areas of research will be considered. Special consideration may be given to applicants whose current or future research plans include areas of computing with applications in Financial Technology (FinTech). Salary is negotiable.

Review of applications will begin November 27, 2023, and continue until position is filled.

You must apply online at *www.unfjobs.org* and submit all required documents to be considered an applicant for this position.

UNF is an Equal Opportunity/Equal Access/Affirmative Action Institution.

University of Northern Colorado

Assistant Professor of Computer Science

The School of Mathematical Sciences in the College of Natural and Health Sciences at the University of Northern Colorado is seeking applications for a tenure-track Assistant Professor of Computer Science.

Job Duties:

Primary responsibilities for faculty in this tenure-track position include teaching undergraduate courses in Computer Science; maintaining an active research program in Computer Science; and providing service to the department, university, and community. Duties include providing leadership in enhancing the new Computer Science major and supporting the Software Engineering major.

Compensation and Benefits:

The salary range for this position is $75,000-$86,000. For information on benefits, please follow the link below.

Apply by **December 7, 2023** to receive full consideration

To View Qualifications and to Apply, please visit:

https://unco.csod.com/ux/ats/careersite/4/home/requisition/172?c=unco

University of Oklahoma

Director, School of Computer Science

The School of Computer Science at the University of Oklahoma invites applications for an open rank, 12-month full-time Director with a start date of Fall 2024. We seek candidates who will provide leadership and vision to lead the School to a new level. The School of Computer Science is growing rapidly in size and impact. It has 24 *faculty* from a wide variety of backgrounds, more than 800 undergraduate students, and over 140 graduate students. It has vibrant research and teaching programs that are aligned with OU's *strategic plan* and is a key partner in OU's world-class *Data Science and Analytics Institute*. The School is housed in the Gallogly College of Engineering and has an ABET-accredited BS program in Computer Science and also offers MS and PhD degrees.

Our faculty has nearly doubled in size, from 13 to 24, in the last 6 years, thanks to deep institutional support to the School of Computer Science. With a continued commitment to graduating more computer scientists and engineers, we expect to continue to grow over the next five years. With an annual research expenditure of $6.3M, and $9M in new awards in FY23, the School is second in research funding in the Gallogly College of Engineering. Our research expenditures have grown from $1.4M to $6.3M in the last 3 years, with explosive growth expected in the near future due to an influx of 11 talented new faculty in the last four years and collaborations within

and across academic disciplines. The School is experiencing rapid growth in student enrollment, an increase of almost 27% (from around 660 to 840) in the last 3 years. The main research groups in the School consist of machine learning, bioinformatics, cybersecurity, networking, and visualization.

For details of the position and application procedure, please check out *https://apply.interfolio.com/135817*

University of Oregon

Assistant Professor of Computer Science

The Department of Computer Science (CS) at the University of Oregon is accepting applications for four tenure-track Assistant Professor positions to start in the Fall of 2024. We are looking for candidates specializing in Systems, Theory, and Artificial Intelligence/Machine Learning, with each area having a broad scope. The successful candidates will be responsible for establishing a top-tier research program, delivering graduate and undergraduate courses with excellence, and contributing to university service and public outreach.

To apply, candidates should submit their materials online at *https://academicjobsonline.org/ajo/jobs/26081*. These materials should include a cover letter, curriculum vitae, research statement, teaching statement, DEI statement, and names and contact information for at least three references (the letters from these references are not required unless requested, at a later

stage in the process). We will begin reviewing applications starting November 30, 2023 and continue throughout the academic year until positions are filled. If you encounter difficulties using the online application system, please contact *faculty.search@cs.uoregon.edu* to make alternative arrangements for submitting your application materials.

We are dedicated to building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment. In your DEI statement, please include information about how you plan to contribute to this goal. Feel free to describe past experiences mentoring minorities, women, or members of other underrepresented groups. We strongly encourage applications from scholars from historically excluded or targeted groups, including historically excluded racial or ethnic groups; women, transgender, and non-binary scholars; scholars with disabilities; and LGBTQIA+ scholars.

Minimum Qualifications

Ph.D. in Computer Science or a closely related field by the time of appointment. A strong research track record with top-tier publications in the research field of interest.

Preferred Qualifications

Promise of developing a strong research program in their area; demonstrated success in collaboratively building organized spaces of inclusive excellence; exemplary evidence of a commitment to advancing diversity, equity, and inclusion through research, teaching, and service.

University of Oregon

Assistant Professor of Data Science

We enthusiastically invite multiple interdisciplinary researchers to join our newly established Department of Data Science as tenure-track faculty colleagues. We invite applications from researchers working in Data Science, broadly defined, including those working in other domains who contribute to data analysis methodology for that domain (e.g., methods and/or applications of artificial intelligence, machine learning, statistical inference, computational/applied mathematics, data visualization, etc) as well as those whose research focuses directly on the methodology itself (e.g., computer science or statistics). We are building the Data Science department to center justice, diversity, equity, and inclusion (JDEI), in our department's research, teaching, and organization. Strong faculty candidates will therefore have demonstrated impactful contributions to JDEI. We encourage applications from candidates with a history of collaboration with domain experts.

Strong candidates will have excellent research scholarship; as befits an inclusive, interdisciplinary department, we are open to various metrics of research success beyond grants, citations, and publications (including policy impact, community engagement in research, collaborative projects, et cetera). Strong candidates will have demonstrated excellence in and commitment to teaching, translation of knowledge, or advising/mentoring of students (including out-of-classroom education). We are excited to

grow a mutually supportive culture of impactful teaching and research in our new department. We seek candidates who are enthusiastic to help develop our department culture of inclusive excellence, and have demonstrated this through past service. We welcome candidates who understand the barriers facing members of groups who have been historically excluded from data science and higher education (as evidenced by life experiences and educational background), and who have experience in JDEI with respect to teaching, mentoring, research, outreach, life experiences, or service towards building an equitable and diverse scholarly environment.

More information about the Data Science department can be found at *https://scds.uoregon.edu/ds*. Particular strengths of collaborative research at UO include environmental science, ecology, evolution, linguistics, cell and developmental biology, sport and wellness, earth science, and spatial information sciences.

University of Pittsburgh

Director of Center for African Studies

The University of Pittsburgh seeks an accomplished and dynamic scholar to serve as director of its Center for African Studies (*https://www.ucis.pitt.edu/africa*) beginning August 2024. The successful applicant will join the appropriate disciplinary home in one (1) of three (3) schools at the University: the School of Education (Department of Health and Human Development), the School of Computing and Information (Department

of Informatics and Networked Systems, Department of Computer Science, and/or Department of Information Culture and Data Stewardship), or the Dietrich School of Arts and Sciences (Department of Africana Studies, Department of History, Department of Political Science, and/or Department of History of Art and Architecture).

To learn more about the position and apply, go to *https://cfopitt.taleo.net/careersection/pitt_faculty_external/jobdetail.ftl?job=23007733&tz=GMT-04%3A00&tzname=America%2FNew_York*

University of Rhode Island

Assistant Professor of Computer Science

The University of Rhode Island invites applications for a tenure-track Assistant Professor in the Department of Computer Science and Statistics (CS&S). We seek candidates who can contribute to both teaching and research in computer science. Of particular interest are candidates with expertise in Cybersecurity, OR Data Science/Visual Analytics, OR Computer Science Education, but all areas will be considered. Appointment starting with the academic year 2024-25.

Visit URI jobs website at *https://jobs.uri.edu* to view full details of the position and to apply for faculty job posting (**F00391**).

APPLICATIONS MUST BE SUBMITTED ONLINE ONLY.

University of Rhode Island is an EEOD employer.

Visiting Assistant Professor in Computer Science

University of Puget Sound seeks a 3-year Visiting **Assistant Professor in Computer Science** to begin Fall 2024.

Teaching responsibilities will include courses throughout the undergraduate computer science curriculum.

Candidates are encouraged to submit application by: January 8, 2024.

Please see the full job description for requirements and apply at:

https://apptrkr.com/4852823

Faculty salaries are based on a salary scale dependent upon experience.

Salary begins at: $80,992 to $90,003 annualized.

Puget Sound offers a generous benefits package for eligible employees, including:

- Medical, dental, and vision
- Life insurance and long-term disability
- Employee Assistance Program
- Retirement plan options, 403(b) contributions and more!

Additional information on faculty benefits: www.pugetsound.edu/benefits.

Puget Sound is an equal opportunity employer.

Professional Opportunities

University of Rochester

Tenure-Track Assistant Professor Position in Electrical and Computer Engineering

The Department of Electrical and Computer Engineering (ECE) at the University of Rochester is undertaking a multi-year expansion of its faculty to support its growing research and educational programs in multiple areas, including robotics; artificial intelligence; augmented and virtual reality; nanoelectronics/photonics; quantum computing, communications, and sensing; quantum materials/devices; emerging circuit technologies and systems; and VLSI.

We invite applications from outstanding candidates for a tenure-track assistant professor position in all areas of ECE. Applicants must hold a doctorate in ECE or a related field by the time their faculty appointment begins. We are deeply committed to building a more diverse and representative faculty, and strongly encourage applications from groups underrepresented in STEM and in higher education. We are actively working to improve the environment for all underrepresented groups as we strive to weave diversity, equity, and inclusion throughout the University's mission to learn, discover, heal, and create.

For application instructions and more information about the University of Rochester and the Department of ECE, see: *https://www.rochester.edu/faculty-recruiting/positions/show/15942*.

Applications must be received by December 1, 2023 to be guaranteed full consideration.

Salary: $108,000 - $112,000

The referenced pay range represents the full 9-month base range of pay for this job. Individual salaries will be determined within the job's salary range and established based on market data, experience and expertise of the individual, and internal equity considerations.

EOE/Minorities/Females/Protected Veterans/Disabled

Assistant or Associate Professor of Computer Science (Cybersecurity)

FAC00240PO23

The Division of Mathematics and Computer Science at the **University of South Carolina Upstate** invites applications for **Assistant or Associate Professor of Computer Science**. This is a 9-month tenure-track position with a start date of August 16, 2024. Individuals with expertise in cybersecurity, network security, cybersecurity software development, and digital forensics are strongly encouraged to apply.

The selected candidate will participate in or lead U.S. National Security research and development work in collaboration with the newly founded National Security and Government Institute at USC Upstate in accordance with Section 10632 of the CHIPS and Science Act of 2022, should opportunities become available. Participation in a malign foreign talent recruitment program is prohibited.

Minimum Qualifications:
Applicants for the rank of Assistant Professor must have a Ph.D. in Computer Science, Cybersecurity, Computer Security, or closely related field by the start date of employment. ABD candidates with a completion date no later than August 15, 2024 will be considered.

Applicants must be eligible for employment in the United States in accordance with the CHIPS and Science Act of 2022 for the purpose of participating in or leading research and development activities related to U.S. National Security.

For a complete job description and to apply, go to: https://apptrkr.com/4759552

The University of South Carolina does not discriminate in educational or employment opportunities on the basis of race, sex, gender, gender identity, transgender status, age, color, religion, national origin, disability, sexual orientation, genetics, protected veteran status, pregnancy, childbirth or related medical conditions.

Assistant Professor of Computer Science

FAC00237PO23

The Division of Mathematics and Computer Science at the **University of South Carolina Upstate** invites applications for **Assistant Professor of Computer Science**. This is a 9-month, tenure-track position with a start date of August 16, 2024.

The Division seeks candidates whose expertise will complement and extend the Division's existing strengths; individuals with expertise in cybersecurity, network security, computer security, software engineering, cloud computing, mobile computing, or E-business are strongly encouraged to apply. The Division offers degrees in Computer Science, Computer Information Systems, and Cybersecurity. The Computer Science program is accredited by CAC of ABET.

Minimum Qualifications:

Ph.D. in Computer Science or closely related field is required by the start date of employment. ABD applicants with a planned completion date no later than August 15, 2024 will be considered.

Strong potential for excellence in teaching and research is required, plus expertise that will extend or complement existing strengths. Applicants with expertise in cybersecurity, network security, computer security, software engineering, cloud computing, mobile computing, or E-business are strongly encouraged to apply.

 For a complete job description and to apply, go to: https://apptrkr.com/4759580

The University of South Carolina does not discriminate in educational or employment opportunities on the basis of race, sex, gender, gender identity, transgender status, age, color, religion, national origin, disability, sexual orientation, genetics, protected veteran status, pregnancy, childbirth or related medical conditions.

University of Southern California

(Open Rank) Assistant, Associate, Full Professor of Computer Science

Viterbi School of Engineering Faculty
Los Angeles, California

The Thomas Lord Department of Computer Science (*http://cs.usc.edu*) at the USC Viterbi School of Engineering (*https://viterbischool.usc.edu/*) is in a period of significant and sustained faculty growth.

We have multiple openings for tenure-track and tenured positions. While outstanding candidates at all ranks from all areas of computer science will be considered, candidates with research interests in the following areas are especially encouraged to apply: security and privacy; AI, machine learning, and data science; and HCI. In addition to stellar junior candidates in these areas, the department, as part of its growth strategy, is keenly interested in strong, dynamic mid-career and more senior-level candidates with interests in building up the department's profile in these areas.

The USC Viterbi School is committed to increasing the diversity of its faculty and welcomes applications from women; individuals of African, Hispanic and Native American descent; veterans; and individuals with disabilities. Candidates committed to advancing diversity, equity, and inclusion through research, teaching, and service are strongly encouraged to apply.

We are looking for candidates with a strong commitment to research, doctoral student mentoring, and teaching at the undergraduate and graduate levels. All applicants must have earned a doctorate in Computer Science or a closely related field by the date of appointment.

Applicants should submit their applications online here (*https://usccareers.usc.edu/job/los-angeles/open-rank-assistant-associate-or-full-professor-of-computer-science/1209/56719670192*).

Applications must include a cover letter indicating the applicant's area of specialization, a detailed curriculum vitae, a statement on current and future research directions, a teaching statement, and names of at least three professional references. Applications must also include a

statement describing the applicant's relevant experience and approach on fostering an environment of diversity and inclusion.

Applications should be submitted by January 5, 2024. Applications received after this deadline may not be considered.

The USC Viterbi School of Engineering is among the top tier engineering schools in the world. It counts 199 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, the Institute for Creative Technologies, two previously awarded National Science Foundation Engineering Research Centers and Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security's first University Center of Excellence, CREATE. The School is affiliated with the USC Stevens Center for Innovation. Research expenditures typically exceed $183 million annually. With 50 tenure-track, 26 research faculty, and 14 teaching faculty, the USC Department of Computer Science is one of the nation's leading centers of research and education in the field.

The annual base salary range for the following faculty ranks in this posting are:

**Assistant Professor: $120,750.00 - $147,000.00
Associate Professor: $147,000.00 - $178,500.00
Professor: $178,500.00 - $246,750.00**

When extending an offer of employment, the University of Southern California considers factors such as (but not limited to) the scope of responsibilities of the position, the candidate's work experience, education/training, key skills, internal peer equity, federal, state and local laws, contractual stipulations, grant funding, as well as external market and organizational considerations.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

University of Southern California

Tenured and Tenure-track Faculty Positions in Electrical and Computer Engineering

The University of Southern California, one of the nation's top research universities, invites applications for tenured and tenure-track positions in the Ming Hsieh Department of Electrical and Computer Engineering (*https://minghsiehece. usc.edu/*) in the USC Viterbi School of Engineering. We are looking for multiple outstanding faculty candidates in all areas of Electrical and Computer Engineering at all ranks.

The USC Viterbi School of Engineering is committed to increasing the diversity of our faculty and welcome applications from women, those of African, Hispanic and Native American descent, veterans, and individuals with disabilities.

While outstanding candidates from all areas of electrical and computer engineering will be considered, candidates with research interests in the following areas are especially encouraged to apply: computer systems architecture, VLSI and post-CMOS systems, encryption/security/privacy, computational imaging, signal and information processing theory and applications, experimental quantum engineering, energy efficient AI/ML hardware, in-sensor processing and medical/healthcare hardware, and hardware technologies for sustainability.

Faculty members are expected to teach undergraduate and graduate courses, mentor undergraduate, graduate, and post-doctoral researchers, and develop a strong funded research program. Interdisciplinary and collaborative research is strongly encouraged. Applicants with interests in research and outreach activities to increase student and faculty diversity are particularly encouraged to apply. Applicants must have a Ph.D. degree, or the equivalent, in electrical and computer engineering or a related field and a strong research and publication record. Applications must include a letter clearly indicating area(s) of specialization, a detailed curriculum vitae, a concise statement of current and future research directions, a teaching statement, and contact

information for at least four professional references. Applicants are encouraged to include a succinct statement on fostering an environment of diversity and inclusion. This material should be submitted electronically at *https://usccareers.usc.edu/job/los-angeles/open-rank-assistant-associate-full-professor-of-electrical-and-computer-engineering/1209/55235413872*.

Review of applications will begin immediately. Applications submitted after January 15th, 2024, may not be considered.

The USC Viterbi School of Engineering is among the top tier of engineering schools in the world with 199 full-time, tenure-track faculty members. The School is home to the Information Sciences Institute, the Institute for Creative Technologies, and is affiliated with the USC Stevens Center for Innovation.

The annual base salary range for the following faculty ranks in this posting are:

1. Assistant Professor: $115,500 - $136,500

2. Associate Professor: $136,500 - $168,000

3. Professor: $178,500 - $246,750

When extending an offer of employment, the University of Southern California considers factors such as (but not limited to) the scope of responsibilities of the position, the candidate's work experience, education/training, key skills, internal peer equity, federal, state and local laws, contractual stipulations, grant funding, as well as external market and organizational considerations.

USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

University of Southern California

Teaching Faculty Position

The Thomas Lord Department of Computer Science (*http://cs.usc.edu*) in the USC Viterbi School of Engineering (*https://viterbischool.usc.edu/*) has multiple openings for teaching faculty positions at the rank of Lecturer or higher. These are full time, benefits eligible faculty positions on the non-tenure track. We are seeking candidates to teach at the undergraduate and/or graduate level and who can contribute to the diversity and excellence of the USC academic community. The department is committed to increasing the diversity of its faculty and welcomes applications from women; individuals of African, Hispanic, and Native American descent; veterans; and individuals with disabilities.

This is primarily a teaching position; all candidates are expected to have a strong commitment to teaching and the preparation necessary to teach effectively at the Bachelor's and Master's degree levels in a highly-ranked Computer Science department. Teaching faculty spend the majority of their time on teaching and teaching-related duties. By the date of their appointment, candidates should have a doctoral degree (or equivalent) in Computer Science or other closely related field. We are interested in candidates with backgrounds in all areas of Computer Science. While we seek applications at the rank of Lecturer, in exceptional cases applicants with longer and more accomplished teaching experience and/or other significant credentials may also be considered for a commensurate higher-ranked position (e.g., Senior Lecturer, Associate Professor of Practice, or Professor of Practice).

Applicants should submit their applications at *USC Careers*.

Applications must include a cover letter, a detailed curriculum vitae, and names of at least three professional references—at least two of whom must be familiar with, and able to comment on, the applicant's teaching experience. Applications must also include a teaching statement explaining the applicant's relevant experience and approach to teaching, and a separate diversity statement describing the applicant's relevant experience and approach to fostering an environment of diversity and inclusion. If available, applicants should include evidence of their teaching effectiveness (e.g., student and/or peer evaluations). Applicants may optionally include a research statement.

Applications should be submitted by December 12, 2023, for priority

consideration; applications received after this deadline may not be considered or be considered only on a rolling basis.

The USC Viterbi School of Engineering is among the top tier engineering schools in the world. It counts 199 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, the Institute for Creative Technologies, and two National Science Foundation Engineering Research Centers, a Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security's first University Center of Excellence, CREATE. The school is affiliated with the USC Stevens Center for Innovation. Research expenditures typically exceed $183 million annually. With 50 tenure-track, 26 research faculty, and 14 teaching faculty, the Thomas Lord Department of Computer Science is one of the nation's leading centers of research and education in the field.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

University of Tennessee, Chattanooga

Assistant Professor, AI and Computing

The Department of Computer Science and Engineering within the College of Engineering and Computer Science at the University of Tennessee, Chattanooga, is welcoming applications for the role of Assistant Professor specializing in Artificial Intelligence and Computing. The anticipated commencement date for this position is August 1, 2024.

Details of application requirements can be found at *https://ut.taleo.net/careersection/utc_faculty/jobdetail.ftl?job=2300000280&tz=GMT-04%3A00&tzname=America%2FNew_York*

Applications should be electronically submitted by accessing the "Apply Online" option provided on the aforementioned linked webpage.

The evaluation of applications will commence promptly and persist until the vacancy is successfully filled. Priority consideration will be granted to adept candidates who submit their applications by February 1st, 2024.

University of Texas at Arlington

Open Rank; Assistant and Associate/Full Professor

The Computer Science and Engineering Department at The University of Texas at Arlington invites applications for five tenure-track Assistant Professor positions across all areas of Computer Science and Engineering and four tenured Associate/Full Professor positions in the broad area of machine learning, artificial intelligence, data science, cyber security, and digital circuits systems design. The CSE department is especially looking for candidates for senior positions in core areas of computer engineering (CpE), such as cyber-physical systems, Internet-of-things, integrated circuits, computer architecture, and networks. The tentative start date of all positions will be in Fall 2024. Fields of interest include but are not limited to natural language processing, biomedical applications, computer systems, and hardware security, software security in particular security issues related to artificial generative AI, programming languages, and program optimization.</p><p>Our key objective is to hire faculty members with outstanding qualifications, who share the university's core values of high standards of excellence in teaching, innovative research, and service, combined with fostering promoting participation of all student groups. A major emphasis will be potential research collaboration within and outside the department.

We are proud to offer a comprehensive benefits package to all our employees at the University. To help you understand the full value of these benefits, we have created a tool that calculates the total worth of your compensation package. This tool takes into account all of the benefits that you are eligible for, including health insurance, retirement plans, and paid time off. To access this tool and learn more

about the total value of your benefits, please click on the following link: *https://resources.uta.edu/hr/services/records/compensation-tools.php*

It is the policy of The University of Texas at Arlington to conduct a criminal background check on any applicant who is under final consideration for employment with the University. Duties include teaching undergraduate and graduate courses, building and leading a team of Ph.D. student researchers, developing an externally funded research program that yields top-tier publications, and professional service within UTA and the research community.

Candidates must have earned (by the start date) a Ph.D. degree in Computer Science, Computer Engineering, or a related area. Candidates for Assistant Professor must have demonstrated exceptional research promise. Candidates for Full Professor must be leading their research area. All candidates must show a strong commitment to teaching excellence. We value candidates who can contribute to the college's and the department's broadening participation in computing initiatives. We further welcome experience with teaching or mentoring diverse groups of students, including first-generation college students, low-income students, racial and ethnic minorities, veterans, and women.

It is the policy of The University of Texas at Arlington (UTA or The University) to provide an educational and working environment that provides equal opportunity to all members of the University community. In accordance with federal and state law, the University prohibits unlawful discrimination, including harassment, on the basis of race, color, national origin, religion, age, sex, sexual orientation, pregnancy, disability, genetic information, and/or veteran status. The University also prohibits discrimination on the basis of gender identity, and gender expression. Retaliation against persons who oppose a discriminatory practice, file a charge of discrimination, or testify for, assist in, or participate in an investigative proceeding relating to discrimination is prohibited. Constitutionally-protected expression will not be considered discrimination or harassment under this policy. It is the responsibility of all departments, employees, and students to ensure the University's compliance with this policy.

The University of Texas at Arlington is committed to providing reasonable accommodation to individuals with disabilities. If you require reasonable accommodation in completing this application, interviewing or otherwise participating in the employee selection process, please direct your inquiries to 817-272-5554 or email *ADADocs@uta.edu*.

To apply, please go to *https://uta.peopleadmin.com/postings/25525* and submit the following materials: cover letter, curriculum vitae, unofficial transcript (required for candidates for whom their degree is not the same discipline as the one in which they will teach statement of research, statement of teaching, and contact information for 4 references

Candidates who have previous teaching experiences may also include unofficial course evaluations.

Review of applications will begin immediately and will continue until the positions are filled.

Questions may be addressed to: Jia Rao (*jia.rao@uta.edu*)

For more information about UTA, please visit: *http://www.uta.edu/uta*

University of Texas at Dallas

Assistant Professor - Computer Science

Position Description

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for multiple tenure-system faculty positions in Computer Science at the rank of Assistant Professor. Applicants from all areas of computer science are sought. Applicants from emerging and interdisciplinary computing areas, including but not limited to quantum computing, robotics, computational neuroscience, IoT, cyber physical systems, and computational biology are strongly encouraged to apply. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate's specialization area. In addition to teaching, the position requires an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

The appointment commences for the fall 2024 semester.

Qualifications

Minimum Education and Experience: A PhD or equivalent in Computer Science, Software Engineering or a related discipline is required prior to employment; those with ABD status will be considered at the application/interviewing stage. Candidates are expected to demonstrate the ability to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals with a range of backgrounds, skills, and perspectives. We are seeking candidates able to produce research and scholarly or creative achievements that enhance the program and the discipline, and able to deliver high quality teaching using evidence-based practices to effectively engage students from a range of backgrounds and experiences.

The Department/School

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,500 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,100 graduate students, and 54 tenure track faculty. Our faculty includes 18 NSF CAREER awardees, and multiple

DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square foot facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, and machine learning.

Application Instructions

Applicants should upload the following via the online application: *https://jobs.utdallas.edu/postings/24752*

- Full curriculum vitae and cover letter summarizing their interests and qualifications for the position.

- Statement of teaching philosophy describing their conceptualizations of teaching and learning, and teaching and assessment methods, and how their teaching practices will engage students from a range of backgrounds and experiences.

- Research statement describing past, present, and future research, including how they mentor (or will mentor) student researchers and foster (or will foster) collaborative research environments.

- Full contact information for at least three academic or professional references.

Priority will be given to completed applications received by 12/01/2023. Reviews will continue until the position is filled or the search is closed on 05/01/2024.

The University and Community

UT Dallas is a top public research university located in one of the nation's fastest-growing metropolitan regions. Our seven schools offer more than 140 undergraduate and graduate programs, plus professional certificates and fast-track programs. Our student body is 31,000 strong, reflecting students from over 100 countries and a multiplicity of identities and experiences. Over 65% of our undergraduate students receive some form of need- or merit-based financial aid; and 66% of graduating seniors have no student debt compared to 48% in Texas and 32% in the nation (2021 TICAS report).

UT Dallas is committed to graduating well-rounded members of the global community whose education has prepared them for rewarding lives and productive careers in a constantly changing world. A diversity of people, ideas, and perspectives is crucial to our vision and mission. UT Dallas is a place where members of the community from all backgrounds are welcomed, treated fairly, and encouraged in their pursuit of excellence.

The University has a variety of programs and initiatives to support engagement and success for all members of the campus community. Employee benefits include a range of physical and mental wellness resources. "LilyPad" lactation facilities are located throughout the campus. There are several Employee Resource Groups (ERGs) comprised of individuals who share common interests to help build community among UT Dallas faculty and staff (e.g.,

Universal Access ERG, Military and Veteran ERG, UT Dallas Young Professionals).

Rich with visual and performing arts venues, museum districts, professional and semi-professional athletics teams, botanical gardens, accessible trails and so much more, the Dallas-Fort Worth (DFW) metroplex has something for everyone to explore. UT Dallas partners with regional higher education institutions and school districts and with the Richardson Innovation Quarter (Richardson IQ), a major hub for innovation, entrepreneurship, and educational activities.

Equal Employment Opportunity/ Affirmative Action

The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful, and inclusive of all members of the university community. The University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.

The University of Texas at Dallas is an equal opportunity/affirmative action university.

University of Texas at Dallas

Associate Professor - Computer Science

Position Description

The Department of Computer Science in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for one tenure-system faculty position in Computer Science at the rank of Associate Professor. Applicants with expertise in Computer Science Education are sought for this search. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate's specialization area. In addition to teaching, the position requires an active agenda of research and publication as well as service in the UT Dallas and/or professional community.

The appointment commences for the fall 2024 semester.

Qualifications

Minimum Education and Experience: A PhD or equivalent in Computer Science, Software Engineering or a related discipline is required prior to employment, and evidence of commitment to excellence in computer science education, in the form of relevant publications in journals and conferences. Candidates should have experience in teaching undergraduate level computer science courses. Candidates are expected to demonstrate the ability to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals with a range of backgrounds, skills, and perspectives. We are seeking candidates able to produce research and scholarly or creative achievements that enhance the program and the discipline, and able to deliver high quality teaching using evidence-based practices to effectively engage students from a range of backgrounds and experiences.

Preferred Education and Experience: A PhD in Computer Science, Software Engineering, or a closely related discipline, and strong evidence of commitment to excellence in computer science education, including in the form of publications in reputable journals and conferences, ability to attract external funding for improving CS education, and participation in impactful educational activities. Significant teaching experience at the college level, commensurate with appointment at the rank of Associate Professor.

The Department/School

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,500 students, and offers B.S., M.S., and PhD degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,100 graduate students, and 54 tenure track faculty. Our faculty includes 18 NSF CAREER awardees, and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square feet facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, and machine learning.

Professional Opportunities

Application Instructions

Applicants should upload the following via the online application: *https://jobs.utdallas.edu/postings/24749*

- Full curriculum vitae and cover letter summarizing their interests and qualifications for the position.

- Statement of teaching philosophy describing their conceptualizations of teaching and learning, and teaching and assessment methods, and how their teaching practices will engage students from a range of backgrounds and experiences.

- Research statement describing past, present, and future research, including how they mentor (or will mentor) student researchers and foster (or will foster) collaborative research environments.

- Full contact information for at least five academic or professional references.

Priority will be given to completed applications received by 12/01/2023. Reviews will continue until the position is filled or the search is closed on 05/01/2024.
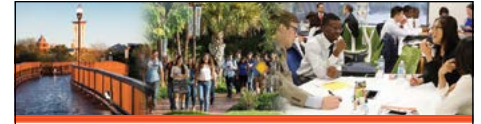
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The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful, and inclusive of all members of the university community. The

University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.

The University of Texas at Dallas is an equal opportunity/affirmative action university.

The University of Texas Southwestern Medical Center

Peter O'Donnell Jr. School of Public Health

Position Description

The University of Texas Southwestern Medical Center is seeking Assistant Professor(s) in Data Science for the Peter O'Donnell Jr. School of Public Health and the Quantitative Biomedical Research Center (QBRC). Successful applicants will have a PhD in Computer Science, Engineering, Statistics, or a related field. While not required, candidates with prior experience in Medical Imaging Analysis, Machine Learning/AI, Causal Inference, or Genomics will receive preference.

Application Instructions

Apply via *https://jobs.utsouthwestern. edu* and search for job number 707306

The application package should include:

- A cover letter accompanied by curriculum vitae (CV)
- Three-page research statement (organized as approximately a one-page summary of past research work and a two-page summary of future plans).

- At least 3 references.

Important Dates

Applications received by December 31, 2023 will be considered in the first round of evaluation. However, evaluation will continue until the positions are filled.

Questions

Contact Professor Song Zhang, O'Donnell School of Public Health: *song.zhang@ utsouthwestern.edu*

University of Toronto

Multiple tenure-stream positions

The *Department of Computer Science* at the University of Toronto invites applications for multiple positions with appointments commencing on July 1, 2024, or shortly thereafter.

Individuals are encouraged to apply to all relevant positions.

For the most up-to-date information, including deadlines, application instructions, and new postings, please visit *https://web.cs.toronto.edu/ employment-opportunities* or contact *recruit@cs.toronto.edu.*

We are accepting applications for tenure-stream positions in:

All areas of Computer Science

(UTSG, Assistant Professor/Associate Professor /Full Professor) Applicants should endeavour to submit all materials, including reference letters, by **November 15, 2023**, when we will start reviewing applications. However, we will give full consideration to all applications submitted by the closing date of **January 3, 2024**.

The University of Toronto is an international leader in research and education in computer science. Our faculty teach, conduct research, and live in one of the most diverse metropolitan areas in the world.

The Department of Computer Science spans three campuses at the University of Toronto: *Department of Computer Science, University of Toronto St. George* (UTSG); *Department of Computer and Mathematical Sciences, University of Toronto Scarborough* (UTSC); or *Department of Mathematical and Computational Sciences, University of Toronto Mississauga* (UTM).

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Diversity Statement

The University of Toronto embraces Diversity and is building a culture of belonging that increases our capacity to effectively address and serve the interests of our global community. We strongly encourage applications from Indigenous Peoples, Black and racialized persons, women, persons with disabilities, and people of diverse sexual and gender identities. We value applicants who have demonstrated a commitment to equity, diversity and inclusion and recognize that diverse perspectives, experiences, and expertise are essential to strengthening our academic mission.

CRA
Computing Research
Association

University of Utah

Kahlert School of Computing

All Areas of Computing – Assistant/ Associate/Professor Positions

The Kahlert School of Computing at the University of Utah seeks applications for tenure-track/tenured faculty in all areas of computer science/computing, and at all ranks, to fill multiple available positions. The Kahlert School of Computing values candidates engaged in cross-area and interdisciplinary research.

The University of Utah is a Carnegie Research I Institution, and the Kahlert School of Computing is an exciting, growing school with more than a 50-year history of excellence in computer science education, innovation, and research. The School encourages collaborative research and curriculum development among its collegial faculty. The current faculty of 69 is comprised of 57 tenure-track, 2 research, and 10 lecturing faculty. Additional information about the School and our current faculty can be found at *http://www.cs.utah.edu*.

The University of Utah's Kahlert School of Computing is committed to recruiting, welcoming, and supporting a diverse community of undergraduate and graduate students, postdoctoral candidates, research scientists, staff, and faculty. To demonstrate this commitment, we have created the Utah Center for Inclusive Computing to broaden participation in the undergraduate majors (see ucic.cs.utah.edu). To build a more diverse and representative faculty,

we strongly encourage applications from populations underrepresented in computing, as well as candidates with nontraditional backgrounds. The School is also committed to addressing lifestyle priorities and will work with candidates to develop opportunities for partners and family members.

Salt Lake City is a desirable place to live, with a vibrant downtown showcasing cultural activities and dining options. Utah is renowned for its access to the outdoors, including world-class hiking, skiing and climbing opportunities. The University of Utah provides a generous benefits package with a variety of medical and dental plans from which to choose. Other important benefits include retirement, tuition reduction, a wellness program, and an Employee Assistance Program.

A PhD in computer science or a related field is required. Candidates are requested to submit a cover letter, CV, 3 references, and statements for research and teaching. We also require a one-page statement that describes how the candidate will contribute to fostering an inclusive research and teaching environment in the Kahlert School of Computing (uploaded as "Applicant Document – Other")

Candidate can apply here - *https:// utah.peopleadmin.com/postings/154150*

Review of applications will begin after November 1 and will continue until the position is filled.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women,

veterans, and persons with disabilities are strongly encouraged to apply. Veterans' preference is extended to qualified veterans. Reasonable disability accommodations will be provided with appropriate notice. For additional information about the University's commitment to equal opportunity and access see: *http://www.utah.edu/ nondiscrimination/*.

University of Utah

Assistant Professor (Lecturer) in Engineering for Games

The Division of Games at the University of Utah is seeking to hire a teaching faculty member at the rank of assistant professor (lecturer) with an interest in and knowledge of the technical and/or engineering aspects of game development. This position will begin in Fall 2024 and is a Career-Line Faculty position (research optional, non-tenure track) within the University's established promotion structure intended to be a long-term position with a renewable contract and multi-year appointments.

Candidates must hold a Ph.D. or other terminal degree in a technical field (e.g., Computer Science, Informatics). The successful candidate will share our vision of the power that games hold to transform players, groups, and society. The Division values candidates who have a clear interest in helping to build the division as an academic community as we grow in size and breadth of disciplinary strength in games. We seek candidates prepared to contribute to our

commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse populations.

Responsibilities include teaching broad-based undergraduate classes, engineering-oriented graduate courses, as well as project-based studio courses, often in collaboration with other Games faculty. Experience in game development with industry-standard processes, tools, and platforms, is highly desirable. Successful candidates are expected to support the teaching mission of the Division through excellence in teaching, curriculum development, and advancement of teaching approaches in games. The faculty member is also expected to perform service at the program, university, and professional level.

The Division of Games is a world leader in games education, with consistently top-ranked programs at both the undergraduate and graduate levels. The Utah Games faculty includes artists, computer scientists, designers, games studies scholars, and social scientists who all work together to design and teach our courses. To advance our mission, we have received significant new support from the Office of the President and are in the process of building major new program strengths in both teaching and research/creative scholarship. Interested applicants can visit *https://games.utah.edu/pressplay/* for more information on all our current positions and the role they will play in the growth of our program on campus and beyond.

The Division is committed to recruiting, welcoming, and supporting a diverse community of undergrad and graduate students, postdocs, scientists, staff, and faculty. We are also committed to addressing lifestyle priorities and will work with candidates to develop opportunities for partners and family members. If you are interested in joining us to build a culture of academic excellence, to create ideas that advance our understanding of games, to share those ideas with our students, our community, and society, and to apply those ideas to change society for the better, we strongly encourage you to apply.

The University of Utah is a Carnegie Research I institution located in Salt Lake City nestled in the foothills of the Wasatch Mountains. With thriving arts and food scenes, and an exploding high technology sector, Salt Lake City offers a unique mix of urban life juxtaposed with access to remarkable national parks, ski resorts, hiking and climbing, some just minutes away from downtown.

Please apply here: *https://utah.peopleadmin.com/postings/155835*

University of Utah

Assistant Professor in Technical Games Research (AI, XR, HCC)

The Division of Games at the University of Utah invites applications for a tenure-track Assistant Professor position in Technical Games Research to begin Fall 2024. We seek applicants with expertise in at least one of three technical games research areas:

1. Artificial Intelligence (AI);
2. eXtended Reality (XR) including Virtual (VR), Augmented (AR), and Mixed Reality (MR);
3. Human-Centered Computing (HCC).

The successful candidate will share our vision of the power that games hold to transform players, groups, and society. This position is part of a significant, multi-year commitment for faculty growth in the Division of Games.

Note: we are committed to recruiting, welcoming, and supporting a diverse community of undergrad and graduate students, postdocs, scientists, staff, and faculty. We are also committed to addressing lifestyle priorities and will work with candidates to develop opportunities for partners and family members.

Necessary qualifications:

Applicants must hold a Ph.D. in a technical discipline (e.g., computer science, cognitive science, informatics) at the time of hire. Candidates must be able to demonstrate strong potential for impact, scholarly productivity, leadership, and commitment to the teaching and mentoring of undergraduate and graduate students.

Preferred qualifications:

Preference will be given to candidates who have a clear interest in shaping the future of our unit as a scholarly community toward a vision of sustainable growth and disciplinary breadth in games. We would be excited to see candidates prepared to contribute to our commitment to diversity and inclusion, especially those with experience in working with diverse

populations across research, teaching, and/or service.

About the Division:

The Division of Games is a world leader in games education, with consistently top-ranked programs at both the undergraduate and graduate levels. The Utah Games faculty includes artists, social scientists, games studies scholars, designers, and computer scientists who collectively work together on the mission to push the boundaries of what is possible in games. This diversity of backgrounds is one of the core elements within our identity. We strongly value inter- and transdisciplinary approaches to research and education, and seek to foster collaboration across the University of Utah. Currently, our faculty sustain ongoing collaborations with the School of Medicine, the Colleges of Education, Humanities, and Science, and other campus partners. Additionally, we maintain strong collaborations with the vibrant local game development community and other significant game industry-wide partners.

Our unit is committed to removing systemic barriers that have been traditionally encountered from underrepresented groups, and we strive to recruit and support faculty who will further University-wide initiatives for inclusive excellence and belonging. Interested candidates may view examples of how this commitment is exemplified within our unit by visiting *https://games. utah.edu/equity-diversity-inclusion/*.

We have recently received significant support from the Office of the President to advance our mission. This job opportunity is an integral first step within our plan to expand our program strengths in teaching and research/ creative scholarship. To learn more about our PRESS PLAY Initiative, please visit *https://games.utah.edu/pressplay/*.

If you are interested in joining us to build a culture of academic excellence; to create ideas that advance our understanding of games; to share those ideas with our students, communities, and society; and to apply those ideas to change the world for the better, we strongly encourage you to apply.

About the University of Utah:

The University of Utah is a Carnegie Research I institution located in Salt Lake City, nestled in the breathtaking foothills of the Wasatch Mountains. With thriving arts and culinary scenes, and an exploding high technology sector, Salt Lake City offers a unique mix of urban life juxtaposed with access to remarkable national parks, ski resorts, hiking and climbing, and more, just minutes away from campus.

Please apply here: *https://utah. peopleadmin.com/postings/156040*

University of Vermont

Assistant Professors of Computer Science

The Department of Computer Science is a growing research hub within the University with vibrant research including complex systems, security & privacy, formal methods, computational social science, and AI/ML. The department is associated with UVM's Complex Systems Center and Center for Computer Security and Privacy, both of which are home to interdisciplinary research efforts supported by the National Science Foundation, the Department of Energy, DARPA, and corporate sponsors including MassMutual, Google, and Amazon. The department encourages and invests in research excellence among junior faculty, and two department members received NSF CAREER awards in 2023. The department has a rapidly growing graduate program, with the number of PhD students tripling since 2018.

Position 1(SOCKS): Tenure-Track Assistant Professor

The Department of Computer Science at the University of Vermont (UVM) invites applications for a tenure-track position at the rank of assistant professor, beginning August 2024. We seek applicants with expertise in artificial intelligence (AI), machine learning (ML), and data science (DS), and particularly at the intersection of AI/ML/DS and social sciences, psychology, and philosophy. Areas of interest include but are not limited to trustworthy AI, AI ethics, AI policy, natural language processing, and data visualization. Ideal applicants would show strong potential for transdisciplinary collaboration across campus in fields such as complex systems, cybersecurity, data privacy, engineering, environmental science, social sciences, and health sciences.

This position is supported in part by a $20M NSF EPSCoR grant led by the Vermont

Complex Systems Center (VCSC) on the Science of Online Corpora, Knowledge, and Stories (SOCKS). Candidates for Position 1 will be expected to contribute to fundamental scholarship and solving meaningful real-world problems in the broad area of "text as data".

Position 2: Tenure-Track Assistant Professor

The Department of Computer Science at the University of Vermont (UVM) invites applications for a tenure-track position at the rank of assistant professor, beginning August 2024. We are particularly eager to hire at the intersection of artificial intelligence (AI) and security/privacy. Areas of interest include but are not limited to adversarial AI, trustworthy AI, cybersecurity, data privacy, and formal methods for security/privacy. Ideal applicants would show strong potential for transdisciplinary collaboration across campus in fields such as complex systems, engineering, environmental science, social sciences, and health sciences.

Responsibilities

Faculty hired into this position is expected to build an independent research program that attracts external funding, teach undergraduate and graduate courses in computer science (including curriculum development), supervise Ph.D. and M.S. theses, advise undergraduate students, and participate in service to the department, university, and discipline.

Qualifications

The applicant must have a PhD in Computer Science or a closely related field by the start date. Competitive applicants should possess:

1. A track record of research excellence as appropriate to their seniority and the potential to build a sustainable long-term research agenda.

2. Demonstrated expertise or evident potential for outstanding teaching in computing field, at both undergraduate and graduate levels.

3. The ability to increase UVM CS's research profile by building on existing strengths, forging new collaborations, and mentoring graduate students.

4. Strong communication and interpersonal skills, including during research talks, discussions with students and colleagues, in scholarly work, and in public outreach.

5. A strong commitment to embrace and advance the values of UVM Our Common Ground: Openness, Respect, Responsibility, Integrity, Innovation, and Justice.

Application Instructions

For full consideration, prospective applicants should submit the following application materials via *https://www.uvmjobs.com/* by December 1, 2023.

**For Position 1 (SOCKS):
Please apply to position 015021.
For Position 2: Please apply to position 005905.**

1. Curriculum vitae (no page limit) that includes links to professional website(s) or Google Scholar page, if applicable.

2. Cover letter (max 2 pages) that describes how the applicant's expertise matches the position.

3. Research statement (max 3 pages) that details current research expertise and future research agenda in relation to the position.

4. Teaching statement (max 2 pages) that describes the applicant's teaching philosophy, experience teaching undergraduate and graduate computer science courses, and future courses they are interested in teaching.

5. Diversity Impact statement (max 2 pages) that describes the applicant's past, present, and proposed teaching, research, and outreach efforts to advance diversity, equity, and inclusion.

6. Name and contact information of at least three references entered into the application system.

Please contact Search Committee Chair, Dr. Joe Near at *jnear@uvm.edu* for inquiries.

Information about the University The University of Vermont (UVM), established in 1791, is a major research university with a current enrollment of over 12,000 undergraduate, graduate, and medical students. In the last fiscal year, the university has received more than $260 million in research funding. The scientific and academic environments across campus are dynamic, collaborative, and multi-disciplinary, Significant campus resources for research collaboration include: the Vermont Advanced Computing Core, the Vermont Complex Systems Center, the Larner College of Medicine, and the Gund Institute for Environment. The University's commitment to the growth of STEM disciplines, including computer science, data science, and

complex systems, is evidenced by the recent construction of our new STEM Complex, the University's largest-ever capital project.

The University of Vermont is located in Burlington, Vermont, which is frequently rated as one of the best small cities in the USA for quality of life, year-round outdoor recreation and cultural events. Greater Burlington metropolitan area has a population of approximately 210,000 and enjoys a panoramic setting on Lake Champlain, bordered by the Adirondack and Green Mountains. It is only about 90 miles south of Montréal, Canada.

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law. The University of Vermont is especially interested in candidates who can contribute to the diversity and inclusive excellence of the academic community through their teaching, service and research, scholarship or creative arts. We are an educationally purposeful community seeking to prepare students to be accountable leaders in a diverse and changing world. Members of the University of Vermont community embrace and advance the values of Our Common Ground: Openness, Respect, Responsibility, Integrity, Innovation, and Justice.

University of Virginia

Open Rank Tenured or Tenure-Track Faculty in Computer Science

School of Engineering and Applied Science: Department of Computer Science

Location: Charlottesville, VA

Open Date: October 20, 2023

Description

The *Department of Computer Science (CS) at the University of Virginia (UVA)* seeks 7 tenured or tenure-track faculty at all ranks and in all areas of computer science. We are seeking a comprehensive expansion of the department that also builds bridges with the many other strengths at the University. The primary responsibilities for these tenured/tenure-track positions include research, teaching, and service to the department, university, and professional community. The appointment rank will be commensurate with experience and qualifications.

Qualifications

Candidates must have received a doctorate or equivalent in a computing field by the start of their appointment. Evidence of a commitment to high-impact scholarship, funded research, undergraduate- and graduate-level teaching and advising excellence, professional and university service, and mentoring are expected. In conjunction with these positions, senior graduate students are eligible and encouraged to consider the UVA Engineering Rising Scholars program. This program is designed to encourage early-career

scholars to pursue a career in academia by supporting their postdoctoral work before beginning in a tenure-track position at the University of Virginia. Detailed information and application instructions are available at *https://engineering.virginia.edu/rising-scholars-postdoctoral-program*.

Application Process

Review of applications will begin on November 27, 2023, and will continue until the positions are filled. The University will perform background checks on all new faculty hires prior to making a final offer of employment. For questions about these positions, please contact Kevin Skadron, Professor, at *skadron@virginia.edu*. For questions about the application process, contact Rich Haverstrom, at *rkh6j@virginia.edu*.

For more information and to apply for this position, please see our posting in Interfolio at *http://apply.interfolio.com/130901*. In the application, select your area(s) of research and then provide the following in PDF format:

- Cover letter that summarizes your areas of research/scholarship, and areas of potential collaboration at the University of Virginia. To help us organize our review of applications, please also specifically list your primary areas of research in boldface at the top of your letter

- Curriculum vitae

- A statement describing your current research, future directions, and broader impacts;

- A statement describing your teaching and mentoring practices, especially in regard

to a residential learning environment marked by the free and collegial exchange of ideas;

- A statement describing demonstrated contributions to fostering inclusive practices that create climates in which all stakeholders can achieve their maximum potential (please focus on skills and experience, not beliefs and opinions)

- A single file that includes two research papers that best represent your work

You will also request 3-5 references directly in Interfolio by providing names and contact information in the application. These reference requests will be generated immediately once you submit your application.

Equal Employment Opportunity Statement

The University of Virginia, including the UVA Health System that represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physicians Group and the Claude Moore Health Sciences Library, are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex, pregnancy, sexual orientation, veteran or military status, and family medical or genetic information.

The University of Virginia offers confidential Dual Career Services to partners of incoming faculty candidates. To learn more, please visit *https://dualcareer.virginia.edu/*.

University of Washington ECE

Assistant Professor Tenure Track

The Department of Electrical & Computer Engineering invites applications for four tenure-track positions. We are hiring in all areas of ECE, including integrated circuits and systems, computer engineering, control systems and robotics, devices, power and energy systems, signal processing, machine learning, data science, and engineering education.

Hires will be made at the Assistant Professor rank (Tenure-track). The positions are full-time, multi-year appointments with 9-month service periods and with an anticipated start date of September 1, 2024.

UW ECE offers an innovative, collaborative and inclusive environment in which our faculty and students succeed at finding impactful solutions to today's challenges. The Seattle area is particularly attractive given the presence of significant industrial research laboratories, top technology companies, as well as a vibrant technology-driven entrepreneurial community that further enhances the intellectual atmosphere.

We look forward to learning how the applicant's experience and future plans for teaching, research, and service would support our commitment to diversity and inclusion.

The University is building a culturally diverse faculty and staff and strongly encourages applications from women, underrepresented minorities, individuals with disabilities and covered veterans. The University is a first-round awardee of the National Science Foundation's ADVANCE Institutional Transformation Award to increase the advancement of women faculty in science, engineering, and math. Moreover, the College of Engineering has consistently had one of the highest percentages of women faculty in the top 50 colleges of engineering (US News and World Report Undergraduate Rankings). Additionally, the University's Office for Faculty Advancement promotes the hiring, retention, and success of a diverse and inclusive faculty at the University of Washington.

All University of Washington faculty are expected to engage in teaching, research, and service.

The base salary range for this position will be $14,000-$16,000 per month, commensurate with experience and qualifications, or as mandated by a U.S. Department of Labor prevailing wage determination.

Qualifications

Applicants for tenure-track and tenure-eligible positions must have earned a doctorate (or foreign equivalent) in Electrical Engineering, Computer Engineering, Applied Physics or related field, by the date of appointment.

Application Instructions

To ensure full consideration of your application, applications received prior to November 15, 2023 will take priority. Applications will only be accepted via Interfolio: *apply.interfolio.com/131716*

Please provide pdf files for the following requested materials:

1. Cover letter indicating interest and fit with the position.
2. A current curriculum vitae.
3. Three letters of reference to be submitted by the letter writers.
4. A research statement that includes your vision for research for the next 5 years and the potential for research collaboration and impact (4 page limit).
5. A statement of teaching and education interests, experience, and/or philosophy that includes future plans to effectively develop and deliver educational materials, attract and mentor graduate students, and engage the broader community (2 page limit).
6. A statement of diversity, equity, and inclusion (DEI) that addresses the candidate's perspective on and experience with DEI, as well as future plans for addressing diversity, equity, and/or inclusion in their research, teaching, and service efforts (2 page limit).

Follow the application link for more information on the requested materials.

For any administrative issues or inquiries related to the search, please contact *assist_to_chair@ece.uw.edu*. For technical issues, please contact Interfolio staff at 877-997-8807 or *help@interfolio.com*.

University of Washington Tacoma

Assistant Professor in Computer Science and Systems (CSS) (Multiple Positions)

The School of Engineering and Technology (SET) at the University of Washington Tacoma (UWT) invites applications for three tenure-track Assistant Professor positions in Computer Science and Systems (CSS). These full-time (100% FTE) positions have a nine-month service period with an expected start date of September 16, 2024.

Successful candidates will pursue a vigorous research agenda and teach classes at the graduate and undergraduate levels. We encourage applications from candidates from all backgrounds, including backgrounds historically underrepresented in CSS and/or higher education.

Applications received by December 15, 2023, will receive priority review.

For more information and to apply please visit: *http://apply.interfolio.com/135805*

University of Washington Tacoma

Assistant Professor in Information Technology (IT) (Multiple Positions)

The School of Engineering and Technology (SET) at the University of Washington Tacoma (UWT) invites applications for three tenure-track Assistant Professor positions in Information Technology (IT). These full-time (100% FTE) positions have a nine-month service period with an expected start date of September 16, 2024.

Successful candidates will pursue a vigorous research agenda and teach classes at the graduate and undergraduate levels. We encourage applications from candidates from all backgrounds, including backgrounds that are historically underrepresented in IT and/or higher education.

Applications received by December 11, 2023, will receive priority review.

For more information and to apply please visit: *http://apply.interfolio.com/135763*

University of Waterloo

Faculty Opening in Information Systems / Data Science

The Department of Management Science and Engineering in the Faculty of Engineering at the University of Waterloo invites individuals with research and teaching interests at the interface of Information Systems (IS), Data Science, and Machine Learning to apply for tenure-track faculty position in our department with an anticipated start date of July 1, 2024.

Applicants should hold a PhD or be near completion of their doctorate and have demonstrated research and teaching potential in computer science, information systems, or related fields. The successful applicant is required to have an engineering license for practice (full) or teaching (limited) in Canada, or to apply for a Canadian engineering license within the first year of joining the University

The salary range at the rank of Assistant or Associate Professor is CAD $120,000 to $160,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

To see the full job posting and instructions to apply please visit: *https://uwaterloo.ca/engineering/faculty-opening-information-systems-data-science-machine*

University of Waterloo

Tenure-track Faculty Positions

The David R. Cheriton School of Computer Science in the Faculty of Mathematics at the University of Waterloo invites applications for tenure-track faculty positions. Priority areas include:

1. Algorithms and Complexity

2. Bioinformatics

3. Quantum Computing

4. Machine Learning, Computer Vision, Robotics, AI for Science

5. All areas of computer science, including multi-disciplinary and cross-disciplinary research.

Excellent faculty members are sought who will enhance the School's strengths. Positions will normally be at the probationary (tenure track) assistant professor level. Appointments with tenure, at the associate and full professor level, are possible as circumstances warrant. At least one hire in each of the targeted areas is planned. All successful applicants are expected to engage actively in graduate student supervision and teaching, to contribute to the overall development of the School, and to be, or to have demonstrated the potential to be, leaders in their research field. A PhD in computer science, or equivalent, is required. Rank and salary will be commensurate with experience; the salary range is $130,000 – $180,000, and negotiations beyond this salary range will be considered for exceptionally qualified candidates. The anticipated start date is July 1, 2024; however, alternate start dates may be negotiated.

The David R. Cheriton School of Computer Science is the largest computer science school in Canada, with 114 faculty members. It enjoys an excellent reputation in theoretical and applied research and houses a diverse research program of international stature. Because of its recognized capabilities, the School attracts exceptionally well-qualified students at both undergraduate and graduate levels. In addition, the University of Waterloo has an enlightened intellectual property policy that vests all rights in the inventor. Please see the School's website for more information: *https://cs.uwaterloo.ca/about/open-positions*.

To submit an application, please register at the submission site: *https://cs.uwaterloo.ca/faculty-recruiting*. Once registered, instructions will be provided regarding how to submit your full application. Applications received by November 30, 2023 will be given full consideration; however, applications will continue to be reviewed until the positions are filled.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg, and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations, which includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Office of Indigenous Relations: *https://uwaterloo.ca/indigenous/*.

The University values the diverse and intersectional identities of its students, faculty, and staff. It regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism, and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview, or workplace accommodation requests, please contact Occupational Health at *occupationalhealth@uwaterloo.ca*. The office will work with the selection committee to secure accommodation while ensuring that the information is safeguarded and confidentiality is maintained.

If you have any questions regarding the position, the application process, assessment process, or eligibility, please contact Professors Stephen Mann and Olga Veksler, David R. Cheriton School of Computer Science, at *cs-recruiting@uwaterloo.ca*.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: *https://uwaterloo. ca/faculty-association/why-waterloo*.

University of Wisconsin-Whitewater

Assistant Professor - Tenure-Track - Computer Science

The Department of Computer Science in the College of Letters and Sciences at the University of Wisconsin-Whitewater, a Center of Academic Excellence in Cyber Defense (CAE-CD), seeks a tenure-track Assistant Professor in cybersecurity, networking, or related areas beginning August 2024.

This full-time position involves teaching in the Cybersecurity & Computer Science B.S. and M.S. programs, plus research and service. Courses are assigned based on the candidate's experience and department needs; these may include cryptography, digital forensics, information privacy, intrusion detection, system and software security, computer organization, computer networking, or cloud computing.

For more information and application instructions: *Academic Staff Instructional Listing (uww.edu)*

Villanova University

Assistant Professor of Computer Science

The Department of Computing Sciences at Villanova University seeks to fill one tenure track position at the rank of Assistant Professor beginning Fall 2024. Minimum qualifications include PhD in Computer Science or closely related field; active research agenda leading to high-quality publications; commitment to effective teaching; support for interdisciplinary teaching and research; and commitment to promoting diversity and inclusion. Strong candidates from all research areas will be considered. A background in data science, HPC, or VR/AR is preferred.

To apply go to: *https://jobs.villanova. edu/postings/27113*

Questions about the position can be directed to Dr. Mirela Damian at *mirela. damian@villanova.edu*.

Virginia Tech Innovation Campus

Professor of Intelligent Interfaces

The Virginia Tech Innovation Campus and the Department of Computer Science seek applicants for a senior faculty position (tenured full or associate professor) in Intelligent Interfaces, working at the intersection of human-computer interaction (HCI) and artificial intelligence (AI). The position is partially supported by an endowment provided through a generous gift of The Boeing Company. Exceptional candidates will be considered for an endowed chair or named professorship.

We seek candidates who can lead and foster the themes of the Innovation Campus vision, in particular use-inspired research, building pathways for a diverse graduate student cohort, and creating partnerships with industry. Strong candidates conducting human-centered, impactful research at the intersection of HCI and AI and conversant with both perspectives are encouraged to apply. The candidate will help shape the research theme at the Innovation Campus through their influence in future faculty searches in the area.

Apply here: *https://careers. pageuppeople.com/968/cw/en-us/ job/526690/professor-position-in-intelligent-interfaces*

Virginia Tech

Faculty Position - Computational Biology and Bioinformatics

The Department of Computer Science at Virginia Tech invites applications for two faculty positions in computational biology and bioinformatics (CBB) and related areas. The positions are expected to be offered to a tenure-track assistant professor; exceptional candidates with qualifications appropriate to a tenured associate professor position will also be considered.

Strong candidates who work broadly in CBB with focus on infectious diseases and pandemic prediction and prevention are encouraged to apply. Areas of specific interest include development of foundational ML models with applications to epidemiology, zoonosis, and infectious diseases; computational modeling of

genomic sequences and of protein evolution; and novel methods of analysis of single-cell data sets, prediction of gene regulatory networks, and cellular differentiation mechanisms. We encourage applications from individuals with a demonstrated record of collaboration with infectious disease scientists and molecular biologists.

These positions are closely associated with the *Pandemic Prediction and Prevention Destination Areas* initiative supported by the Office of the Provost. This effort seeks to educate and train a new generation of scientists with transformative technical and professional skills to form convergent teams that can protect and empower humans by anticipating future outbreaks and preventing them from becoming pandemics. The successful candidates will be expected to participate in the activities of this initiative, including collaborating on research projects and proposals and co-mentoring students and post-doctoral fellows.

The Department of Computer Science is in a period of rapid growth and expanding opportunity. We seek candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of fundamental and applied research and innovative teaching. The department currently has 81 faculty members, including 63 tenured or tenure-track faculty, and 19 NSF CAREER awardees; our academic programs serve over 1,500 undergraduate majors and over 800 graduate students.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The College of Engineering undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

This position is located at Virginia Tech's main campus in Blacksburg, VA, in an area consistently ranked among the country's best places to live. Our program in the Washington, D.C., area is also expanding rapidly, with Virginia Tech's exciting new Innovation Campus in Alexandria, VA, slated to open in 2024.

The successful candidate will have a doctoral degree in computer science or a related field at the time of appointment, a rank-appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction; and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenure-track faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate levels, and serve the university and their professional communities.

Applicants must apply online at *jobs.vt.edu* (job number 527442): application materials include a cover letter, curriculum vitae, and contact information for at least three references. In addition, applicants must provide a research statement and a statement of teaching and mentoring philosophy (up to 3 pages each) including the candidate's ideas for supporting an equitable and inclusive educational environment consistent with the Virginia Tech Principles of Community; specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our university's commitment to inclusive excellence. The position requires occasional travel to professional meetings. Review of applications will commence on November 20, 2023 and continue until the position is filled. Questions regarding the position should be directed to Dr. Lenny Heath at *heath@vt.edu*.

The department fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity,

gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need an accommodation, please contact the Human Resources Services Center at *hrservicecenter@vt.edu* or at (540) 231-9331 at least 10 days prior to the visit.

Virginia Tech

Department Head - Computer Science

The Virginia Tech College of Engineering seeks a strategic, collaborative, and entrepreneurial leader to serve as its Head of the Department of Computer Science. A comprehensive leadership profile is available at *www.wittkieffer.com*.

Nominations, inquiries, and applications can be directed to: Suzanne Teer, Cathryn Davis, and Maya E. Holt-Brockenbrough, Ph.D. at *VirginiaTechCompSciHead@wittkieffer.com*.

Thank you for your interest in this position, we look forward to hearing from you!

Virginia Tech is an equal opportunity and affirmative action employer. Women, minorities, individuals with disabilities, and protected veterans are strongly encouraged to apply. Anyone having questions concerning discrimination or accessibility should contact the

Office for Equity and Accessibility at equityandaccess@vt.edu or 540-231-2010.

Virginia Tech

Virginia Tech Computer Science, Instructional Faculty

The Virginia Tech Department of Computer Science seeks applicants for multiple non-tenure-track instructional faculty positions at the Innovation Campus in the Washington DC Metropolitan area. Virginia Tech is ranked among the top computer science departments in the country. Faculty hired in these positions will have academic appointments in the Department of Computer Science which spans the Blacksburg and Alexandria campuses.

Qualified candidates with a Master's degree in computer science or closely related field with professional industry experience will be considered for appointments at the ranks of Assistant, Associate or Full Professor of Practice in Computer Science. Qualified candidates with a Ph.D. degree in computer science or closely related field will be considered for appointments at the ranks of Assistant, Associate or Full Collegiate Professor in Computer Science.

Successful candidates will have a primary commitment to our graduate instructional mission in the Washington DC Metropolitan area. Duties will include graduate level teaching, curricular and program development, and the design and integration of innovative and inclusive pedagogy. To the extent possible, professors of practice and

collegiate faculty are encouraged to participate in research and scholarship, mentor graduate students, participate in department and professional service, etc. Instructional positions offer a clear promotion path with the potential of increasingly longer-term contracts.

The Innovation Campus currently has 17 award-winning faculty members including 5 instructional faculty and 12 tenured faculty. All Innovation Campus faculty have academic appointments in Virginia Tech's highly ranked Computer Science and Computer Engineering departments. The Innovation Campus currently serves over 250 graduate students and has a mission to grow to 50 faculty and over 700 students over the next several years.

Virginia Tech's Innovation Campus is a bold, new vision for graduate education in computer science and computer engineering. Located adjacent to the nation's capital in Alexandria, Virginia, it will unite industry, government, and academia in dynamic project-based learning and purpose driven research to shape the way emerging technologies influence society. The 11-story academic building of the Innovation Campus is set to open in 2024. Joining now offers a unique opportunity to be part of an emerging Virginia Tech graduate program while helping to design and shape the cutting-edge instructional programs to be offered at the Innovation Campus.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and

the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. We actively seek a broad spectrum of candidates to join our community in preparing leaders for the world. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

Applications must be submitted online to *jobs.vt.edu*. Candidates should submit a cover letter, curriculum vitae, a teaching statement, a statement on contributions to advancing diversity, equity, and inclusion, and contact information for at least three references.

Application review will begin on 01/24/2024 and continue until the positions are filled. Inquiries should be directed to Dr. Sara Hooshangi, search committee chair, at *shoosh@vt.edu*.

The Innovation Campus fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees

or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need accommodation, please contact Maura Gardner (*maurag@vt.edu*) during regular business hours at least 10 business days prior to the event.

Virginia Tech

Rolls-Royce Commonwealth Professor

The Department of Computer Science at Virginia Tech is seeking exceptional candidates for the Rolls-Royce Commonwealth Professorship in the College of Engineering. This endowed position will recognize a distinguished faculty member at the full professor rank, who will have the opportunity to provide visionary leadership in the department, college, and university and shape the future of research and teaching in the areas of Artificial Intelligence and Machine Learning (AI/ML). We especially encourage applicants with expertise in AI for science, including but not limited to physics-informed ML, knowledge-guided ML, explainable AI, foundation models for scientific domains, surrogate modeling, hybrid-science-ML modeling, multi-scale and multi-fidelity modeling, inverse modeling, statistical downscaling, discovery of scientific theories from data, and ML-assisted optimization of scientific simulations.

The Department of Computer Science is in a period of rapid growth and expanding opportunity. We seek candidates motivated to contribute to

a collegial, interdisciplinary community with a strong tradition of fundamental and applied research and innovative teaching. The department currently has 81 faculty members, including 63 tenured or tenure-track faculty, and 19 NSF CAREER awardees; our academic programs serve over 1,500 undergraduate majors and over 800 graduate students.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The College of Engineering undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

This position is located at Virginia Tech's main campus in Blacksburg, VA, in an area consistently ranked among the country's best places to live. Our program in the Washington, D.C., area is also expanding rapidly, with Virginia Tech's exciting new *Innovation Campus* in Alexandria, VA, slated to open in 2024.

The successful candidate will have a doctoral degree in computer science or a

related field at the time of appointment, a rank-appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction; and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenure-track faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate levels, and serve the university and their professional communities.

Applicants must apply online at *jobs.vt.edu* (job number 527440): application materials include a cover letter, curriculum vitae, and contact information for at least three references. In addition, applicants must provide a research statement and a statement of teaching and mentoring philosophy (up to 3 pages each) including the candidate's ideas for supporting an equitable and inclusive educational environment consistent with the Virginia Tech Principles of Community; specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our university's commitment to inclusive excellence. The position requires occasional travel to professional meetings. Review of applications will commence on November 20, 2023 and continue until the position is filled. Questions regarding the position should be directed to Dr. Ali Butt at *butta@vt.edu*.

The department fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need an accommodation, please contact the Human Resources Services Center at *hrservicecenter@vt.edu* or at (540) 231-9331 at least 10 days prior to the visit.

Virginia Tech

Senior Faculty Position - Human Computer Interaction (HCI)

The Department of Computer Science at Virginia Tech, in conjunction with the Institute for Creativity, Arts, and Technology (ICAT), invites applications for a senior faculty position in human-computer interaction (HCI) and related areas. The position is expected to be offered to a tenured associate or full professor, although exceptional candidates currently in untenured positions will also be considered.

Strong candidates from any area related to HCI, user experience, or interactive computing are encouraged to apply. We especially encourage applicants with interests in novel interactive experiences and technologies, including but not limited to: physical computing, immersive environments (AR/VR/XR), human-AI collaboration, internet of things, human-robot interaction, and creative technologies. We also encourage applications from individuals with a demonstrated record of collaboration with the arts & design communities. The successful candidate will have opportunities for leadership and collaboration in the interdisciplinary Center for Human-Computer Interaction and broadly across ICAT.

The Department of Computer Science is in a period of rapid growth and expanding opportunity. We seek candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of fundamental and applied research and innovative teaching. The department currently has 81 faculty members, including 63 tenured or tenure-track faculty, and 19 NSF CAREER awardees; our academic programs serve over 1,500 undergraduate majors and over 800 graduate students.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation,

and the world. Building on its motto of Ut Prosim (that I may serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The College of Engineering undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

This position is located at Virginia Tech's main campus in Blacksburg, VA, in an area consistently ranked among the country's best places to live. Our program in the Washington, D.C., area is also expanding rapidly, with Virginia Tech's exciting new Innovation Campus in Alexandria, VA, slated to open in 2024.

The successful candidate will have a doctoral degree in computer science or a related field at the time of appointment, a rank-appropriate record of academic accomplishments and a proven ability to work collaboratively; a commitment to interdisciplinary research and instruction; and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured faculty are expected to initiate and develop independent research that is internationally recognized for excellence, conscientiously mentor research-oriented graduate students, teach effectively at both graduate and undergraduate

levels, and serve the university and their professional communities. Successful candidates will also have demonstrated leadership ability and a vision for enhancing HCI research, education, and community at the institutional level. The successful candidate will have the opportunity to hold a partial appointment in ICAT, with a corresponding reduced teaching load.

Applicants must apply online at *jobs. vt.edu* (job number 527326): application materials include a cover letter, curriculum vitae, and contact information for at least three references. In addition, applicants must provide a research statement and a statement of teaching and mentoring philosophy (up to 3 pages each) including the candidate's ideas for supporting an equitable and inclusive educational environment consistent with the Virginia Tech Principles of Community; specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our university's commitment to inclusive excellence. The position requires occasional travel to professional meetings. Review of applications will commence on November 20, 2023 and continue until the position is filled. Questions regarding the position should be directed to Dr. Doug A. Bowman at *dbowman@vt.edu*, 540-231-9195.

The department fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote

sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need an accommodation, please contact the Human Resources Services Center at *hrservicecenter@vt.edu* or at (540) 231-9331 at least 10 days prior to the visit.

Washington State University

Multiple Tenured/Tenure-Track Faculty Positions

The School of Electrical Engineering and Computer Science (EECS) at Washington State University in Pullman, WA invites applications for multiple permanent full-time tenured/tenure-track faculty positions in the following two major areas: (i) computer systems (computer architecture, electronic design automation, high performance computing systems), and (ii) computer hardware/system security. The job duties of successful candidates will include (but not limited to) teaching undergraduate and graduate courses in computer science; conducting funded research; publishing in

top-tier venues; and directing M.S. and Ph.D. student research programs.

Additional criteria and application instructions can be found at

https://wsu.wd5.myworkdayjobs. com/en-US/WSU_Jobs/job/Multiple-Tenured-Tenure-Track-Faculty-Positions-in-Computer-Science-and-Engineering_R-9793

Applicants must submit their application by December 31, 2023.

Washington State University

Scholarly Teaching Faculty Positions in Computer Science

The School of Electrical Engineering and Computer Science (EECS) at Washington State University (WSU) invites applications for multiple full-time career track teaching faculty positions in Computer Science. The job duties of successful candidates include (but not limited to) teaching undergraduate courses in computer science (including software engineering and programming language courses at a minimum, and database, networking, or architecture courses as a plus). Candidates will be required to have a Master's (PhD preferred) in Computer Science or a related discipline by August 15, 2024.

Additional criteria and instructions can be found at:

https://wsu.wd5.myworkdayjobs. com/en-US/WSU_Jobs/job/Scholarly-Teaching-Faculty-Positions-in-Computer-Science_R-10599

Application review begins December 15, 2023.

Wayne State University

Department of Computer Science

Multiple Tenure-Track (Open Rank) Positions

Located in the mid-town of Detroit, the Wayne State University (WSU) Computer Science department anticipates hiring multiple open-rank tenure-track faculty starting from Fall 2024. For senior candidates appointment with tenure is possible. Outstanding candidates in all areas who could complement and enhance current department strengths will be considered. Candidates working in Systems, Security, Software Engineering, Natural Language Processing, and related areas are especially encouraged to apply. Candidates should have a Ph.D. in Computer Science, or closely related field, and the potential for excellence in teaching and research.

Applications must be submitted at

https://waynetalent.csod.com/ ux/ats/careersite/2/home/ requisition/1603?c=waynetalent

and must include a curriculum vitae, teaching and research statements, and names and addresses of at least three references. Links to a professional website such as Google Scholar or DBLP are recommended.

For full consideration, applications must be submitted by March 1, 2024. Applications will be accepted until the positions are filled.

The Department of Computer Science at Wayne State has 23 tenure-stream faculty

and 6 teaching faculty, with 4 NSF CAREER awards and over $2M in annual research expenditure. Currently it has over 1000 undergraduate students and about 200 graduate students. The department is committed to building a diverse faculty preeminent in its missions of research, teaching, and service to the community. Candidates who have experience engaging with a diverse range of faculty, staff, and students, and contributing to a climate of inclusivity are encouraged to discuss their perspectives on these subjects in their application materials.

WSU is a major urban research university (Carnegie R1) with about 2,500 faculty and 27,000 students. WSU is committed to increasing access to education, employment, programs, and services for all. WSU is a premier, public, urban research university located in the heart of Detroit where students from all backgrounds are offered a rich, high-quality education. Our deep-rooted commitment to excellence, collaboration, integrity, diversity, and inclusion creates exceptional educational opportunities preparing students for success in a diverse, global society. WSU encourages applications from women, people of color and other underrepresented people. WSU is an affirmative action/equal opportunity employer.

Detroit epitomizes the modern, livable, vibrant, and diverse city. World-class amenities like the US-Canada riverfront, Detroit Institute of Arts, culture venues and festivals, as well as an international airport (DTW) that flies non-stop to world-wide destinations. There are several satellite cities within 25 miles of metro-

Detroit that are ranked as the top-100 most suitable for living cities (e.g., Troy, Ann Arbor, Birmingham, Novi) with the nation's finest school districts.

Offers of employment by the WSU may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

Williams College

Computer Science Department

Visiting Faculty Position

The Department of Computer Science at Williams College invites applications for a one-year visiting faculty position beginning in the fall of 2024. Candidates should have a demonstrated record of excellence in teaching and should have a Ph.D., or made significant progress towards completing a Ph.D., in computer science or a closely related discipline by September, 2024. Successful candidates will teach a total of three courses with associated labs during the academic year.

The position is open to all areas of computer science. The visiting faculty member will join thirteen current members of the department in supporting a thriving and diverse undergraduate computer science major. The Department of Computer Science offers a congenial working environment, an excellent student body, and state-of-the-art facilities. Many opportunities exist for collaboration across disciplines, particularly with other faculty in the sciences. Williams offers visiting faculty participation in the college's professional development program First3, access to a number of online NCFDD resources, and support through the newly established Rice Center for Teaching.

We welcome applications from members of groups traditionally underrepresented in the field, and applicants are encouraged to state in their cover letter how they will enhance the diversity of offerings and educational experiences if hired. Applications should also include a curriculum vitae, teaching statement, and three letters of reference, at least one of which speaks to the candidate's promise as a teacher. Application materials must be submitted electronically via Interfolio. Materials may be addressed to:

Professor Jeannie Albrecht, Chair
Department of Computer Science
Williams College
Williamstown, MA 01267

http://www.cs.willams.edu

The review of applications will begin on January 15th, and will continue until the position is filled. We will conduct semi-finalist interviews online beginning in late January, and we aim to complete the search and hiring process by early March. Please direct all correspondence to *hiring@cs.williams.edu*. All offers of employment are contingent upon completion of a background check. Further information is available at *http://dean-faculty.williams.edu/prospective-faculty/background-check-policy*.

Williams College is a liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please visit the Williams College website for more information. Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

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

Williams College is a liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please visit the Williams College website (*http://www.williams.edu*).

Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

Worcester Polytechnic Institute

Assistant Professor and Assistant Teaching Professor

Job Summary

The Computer Science Department at Worcester Polytechnic Institute (WPI) seeks applicants for both dual-mission (teaching and research) tenure-track and full-time teaching-mission secure-contract track faculty positions in Artificial Intelligence.

Job Description

Looking for faculty colleagues who engage deeply in both high-impact research and high-quality teaching within a curriculum that embraces student projects and independent learning? Consider joining WPI where we seek faculty that can contribute to a diverse and inclusive community.

About the Position. The Computer Science Department invites applications for full-time dual-mission (teaching and research) tenure-track and full-time teaching-mission secure-contract track faculty positions for the Fall of 2024 whose areas of expertise are in Artificial Intelligence. Specific themes within Artificial Intelligence include, but are not limited, to Responsible AI, Machine Learning Operations (MLOps), Human-Centric AI, Generative AI, Explainable AI, AI for Social Good, AI for Virtual Worlds, AI for Education, and AI for Health. In addition to these specific areas, outstanding candidates in any AI area (and any rank) will receive full consideration. Candidates should have a PhD in Computer Science or a closely related field, and the potential for excellence in research and teaching. The successful candidate will work with colleagues at WPI to build up AI programs and initiatives.

About the Department.

The Computer Science Department has 40 full-time faculty with research and teaching expertise in core Computer Science and CS-related interdisciplinary fields. Computer Science faculty collaborating in interdisciplinary programs (Bioinformatics, Data Science, Learning Sciences, Neuroscience and Robotics) are housed in a brand new state-of-the-art academic building. You would be joining a community of strong researchers and caring educators with expertise in AI and fields closely related to AI, including machine/deep learning, NLP, graph mining, computer vision, AI in health, educational data mining, data science, scalable data systems, and more, focused on tackling real-world challenge problems with societal impact. Faculty research is supported by the NSF, NIH, DoE, and other federal and private funding sources with recent annual new research funding averaging $14 million. Computer Science has over 1,250 undergraduate students, over 60 Ph.D. students, and over 150 students seeking master's-level degrees. Our interdisciplinary programs are home to additional faculty and students at both the undergraduate and graduate levels.

About the University.

WPI is a selective private university with an innovative curriculum centered on science, engineering, arts, business, and global studies. Ranked highly by US News & World Report among national comprehensive universities, WPI has roughly 5,000 undergraduates and 1,500 graduate students. WPI is an internationally recognized leader in project-based learning and global education. Most undergraduate students at WPI participate in a global project experience completing academic projects at WPI's 50+ project centers across six continents. We are most proud of our No. 1 ranking for "faculty who best combine research and teaching." (Wall Street Journal/Times Higher Ed, 2016). Located one hour west of Boston, the university's campus is in Worcester, Massachusetts, a thriving 21st century college city recognized as a growing hub of scientific and technological innovation, and known for a thriving economy, rich culture, and quality of life. The University of Massachusetts Medical School, numerous technology companies and many colleges and universities are in the immediate area making it ideal for two-career families. We support our faculty to help them succeed and provide faculty mentoring support for our early and mid-career colleagues.

Questions about the hiring process should be sent to recruit@cs.wpi.edu.
More information about the positions and instructions for applying are available at **https://apptrkr.com/4742078**.

You will need to include detailed research, teaching, and diversity statements; a Curriculum Vitae; and contact information for at least three references.

The position will start in August 2024. The deadline for applications is December 15, 2023, with applications continuing to be considered after that date until the positions are filled.

CRA
Computing Research Association

Yeshiva University

Clinical Assistant/Associate Professor and Capstone Coordinator

The Department of Graduate Computer Science and Engineering (CSE) at **Yeshiva University's Katz School of Science and Health** is seeking a full-time faculty member to work in our **STEM programs**.

Reporting to the Chair, this position will be responsible for the development of course syllabi; instruction, mentorship, and leading the development and coordination of STEM student capstone/internship projects; evaluation of course success and student learning outcomes; student recruitment and retention; and University, School, and Departmental committee service.

The Katz School of Science and Health is Yeshiva University's flagship school for STEM. We are research scientists, tech builders and patient-centered clinicians working on problems that matter.

Salary Range: $60,000-$180,000.

EOE, including disability/vets.

For more information and to apply, please click the link below:

https://apptrkr.com/4778314

Yeshiva University

Associate/Full Professor and Associate Chair

The Department of Graduate Computer Science and Engineering (CSE) at **Yeshiva University's Katz School of Science and Health** seeks an **Associate Chair** to work with the Chair to build the **Graduate CSE Department**.

This is a tenured or accelerated tenure-track position with the rank of associate professor/professor level. The newly established Graduate CSE Department includes programs in AI, Data Analytics and Visualization, and Cybersecurity, as well as the Katz School's Internet of Things (IoT) Lab and Security Operation Center (SOC).

The Katz School of Science and Health is Yeshiva University's flagship school for STEM. We are research scientists, tech builders and patient-centered clinicians working on problems that matter.

Salary Range: $150,000-$190,00.

EOE, including disability/vets.

For more information and to apply, please click the link below:

https://apptrkr.com/4778317

Yeshiva University

Assistant Professor, Computer Science

The Department of Graduate Computer Science and Engineering at **Yeshiva University's Katz School of Science and Health** invites applications for a tenure-track assistant/associate professor in **Artificial Intelligence/ Machine Learning**, **Data Analytics**, **Cybersecurity**, or **Computer Science** for its graduate programs.

This is an opportunity to pursue innovative research and development in these areas in a range of applications and to collaborate with faculty across disciplines, including biotech and health, IoT, mathematics, economics, and more.

The Katz School of Science and Health is Yeshiva University's flagship school for STEM. We are research scientists, tech builders and patient-centered clinicians working on problems that matter.

Salary Range: $65,000-$175,000.

EOE, including disability/vets.

For more information and to apply, please click the link below:

https://apptrkr.com/4778313

Zhejiang University

Open Rank Faculty Positions in Cyber Security

Zhejiang University(ZJU) is one of the top universities in China, which is ranked #44 in the QS World Rankings 2024. T**he School of Cyber Science and Technology at ZJU** was established in 2019, with a research focus on **data security and privacy, blockchain, AI security, system security, and network security**. We have established a strong partnership with globally renowned universities and leading companies. For more details, please refer to *https://icsr. zju.edu.cn/*.

We are looking for excellent faculty candidates at all rank (Full/Associate/ Assistant Professor). Candidates are required to have a related Ph.D. degree, and the ones with professional appointments and excellent research/ teaching records are preferred.

Please submit your CV, a cover letter, a research statement and contact information for three references to *tiffanyqi371@zju.edu.cn*.