CRN At-A-Glance

CRA Update: Unlock Your Potential at the 2025 CRA Leadership Academy in D.C.

Join the 2025 CRA Leadership Academy on February 20-21, 2025, in Washington, D.C., for a workshop designed to prepare newly promoted or soon-to-be-promoted full professors for leadership roles in computing. The program features sessions on the types of leadership positions in computing, skills needed to be an effective leader, and topics specific to leading in academia. Don't miss this chance to advance your leadership journey in computing.

It's Here! Check Out the 2024 CRA Academic Member Book

The 2024 Academic Member Book highlights innovative research, teaching, and transformative projects from more than 150 CRA academic members, showcasing their collective impact on computing research and education. Thank you to all contributors for advancing the field. Explore the 2024 edition and learn how to join next year.

Growing Number of Industry and Government Lab Members Join CRA to Drive Innovation and Collaboration

CRA is welcoming an expanding roster of industry and government lab members, who are benefiting from policy insights, networking opportunities, and resources to enhance research and development. Learn more becoming an industry member of CRA.

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CRA Update: Unlock Your Potential at the 2025 CRA Leadership Academy in D.C.

By Janine Myszka, Senior Program Associate, and Matt Hazenbush, Director of Communications

The Computing Research Association (CRA) is excited to announce the **2025 CRA Leadership Academy**, a unique opportunity designed to develop and inspire future leaders in computing and computing research. This in-person workshop will be held on **February 20-21, 2025, in Washington, D.C.**, and will bring together newly promoted or soon-to-be-promoted full professors for a day and a half of engaging discussions, hands-on scenarios, and practical guidance on leadership in academia.

2025 CRA Leadership Academy

Participants will gain insights into leadership roles in computing, team-building, managing academic budgets, and navigating challenging situations, while also expanding their network of peers and mentors. Additionally, attendees will join virtual cohort meetings following the in-person workshop to continue building their connections and deepening their learning.

Key Topics and Skills for Aspiring Leaders

The CRA Leadership Academy aims to help participants explore their own leadership potential and to offer guidance for a meaningful and successful academic career. "Leadership isn't a position; it's an action," said **Manuel Pérez Quiñones**, Co-Chair of the Leadership Academy and Professor at the University of North Carolina at Charlotte. "We want attendees to leave empowered and informed about their potential as leaders. The academy is structured to help them understand the practical, day-to-day aspects of leadership roles, while also engaging with the 'why' behind their journey."

Topics covered in the workshop will include:

- **Why Be a Leader?** Exploring a range of motivations for taking on leadership roles in computing.
- **What Makes a Good Leader?** Identifying key skills for effective leadership while recognizing diverse leadership styles.
- **Everyone Can Be a Leader** – Understanding how individuals can "lead from where they are," even without an official administrative title.
- **The Leadership Job Search Process** – An overview of computing/academic leadership positions and pathways to obtain them.
- **Dealing with Conflict** – Strategies for addressing conflict at various levels, from interpersonal disputes to larger institutional challenges.
- **Leading in Academia** – Insights into university budget models, faculty recruitment, and managing professional relationships with colleagues and administrators.

Dennis Livesay, Co-Chair of the CRA Leadership Academy and the Dave House Dean of Computing at Michigan Technological University, emphasized the value of learning from experienced academic leaders. "The CRA Leadership Academy provides a platform for open discussion, where participants can hear from leaders who have successfully navigated the many facets of academia. We aim to equip participants with the perspectives and tools to thrive in their leadership roles."

To prepare for the in-person workshop, participants will receive pre-reading materials. They must also commit to attending all activities, including the follow-up virtual cohort meetings, to make the most of their experience.

Limited scholarships are available for attendees whose institutions cannot provide funding for travel and/or the registration fee. Participants are responsible for covering their travel, hotel accommodations, and a registration fee, which includes meals and other local expenses during the workshop.

Eligibility and Nominations

The CRA Leadership Academy is open to individuals who are approaching promotion to full professor or were recently promoted at a North American academic unit that is a CRA member. Self-nominations are welcome. The nomination form is available on the event page, and all nominations must be submitted by **December 6, 2024**.

NOMINATION FORM

For more details and to nominate yourself or a colleague, please visit the **CRA Leadership Academy webpage** or contact **Janine Myszka** at jmyszka@cra.org with any questions.

Organizers

The CRA Leadership Academy is organized by a distinguished program committee:

- **Bruce Childers**, University of Pittsburgh
- **Kinnis Gosha**, Morehouse College
- **Jim Kurose**, The University of Massachusetts at Amherst
- **Dennis Livesay** (Co-Chair), Michigan Technological University
- **Stephanie Ludi**, University of North Texas
- **Dimitrios Nikolopoulos**, Virginia Tech
- **Manuel Pérez Quiñones** (Co-Chair), University of North Carolina at Charlotte
- **Rachel Pottinger**, The University of British Columbia

Mark your calendars and take this valuable step toward advancing your leadership journey in computing. Join us in Washington, D.C., for an opportunity to grow, connect, and gain invaluable perspectives that will enhance your career and your impact in the academic community.

It's Here! Check Out the
2024 CRA Academic Member Book

CRA
Computing Research Association

By Elora Daniels, Communications Associate

The Computing Research Association (CRA) is thrilled to celebrate the release of the **2024 Academic Member Book**! This publication serves as a vibrant showcase of the diverse academic units that comprise the CRA community, offering a glimpse into the leading-edge research, innovative teaching practices, and transformative projects conducted by our academic members.

Computing Research Association
Academic Member Book
2024

CRA
Computing Research Association

2024 Academic Member Book

The 2024 edition underscores CRA's ongoing commitment to promoting excellence and collaboration within the computing research field. With more than 150 submissions, each featured institution highlights the vital contributions and advancements driving technology and enriching education. The CRA Academic Member Book not only amplifies the accomplishments of individual departments but also celebrates the collective impact of our academic community in pushing the boundaries of what is possible through computing.

To all contributing academic members, thank you for your dedication and contributions that make CRA a beacon of excellence! Explore the **2024 edition** and join us in recognizing the transformative work of the computing research community.

Browse the full collection of Member Books here.

Would you like to be a part of the 2025 CRA Academic Member Book? CRA academic members will be contacted next summer about making their contribution to the next edition. Not a CRA member yet? Explore our membership options and become a part of the CRA community today!

Growing Number of Industry and Government Lab Members Join CRA to Drive Innovation and Collaboration

By Matt Hazenbush, Director of Communications, and Helen Wright, Manager, CRA-I

The Computing Research Association (CRA) continues to expand its membership as organizations from industry and government labs engage to shape the future of computing research. Recent additions, including J.P. Morgan AI Research, along with renewals from long-standing members such as Google, Microsoft, and IBM Research, reflect CRA's role as a central hub for innovation and collaboration.

Central to these efforts is the CRA-Industry (CRA-I) Committee, a standing committee established to connect industry partners with academic and government constituents. CRA-I provides a platform for open discussions, impactful collaborations, and the development of best practices that drive progress in computing research and benefit society.

> "CRA is an incredible forum where academia, industry, and government come together to tackle some of the biggest challenges in computing research," said **Fatma Özcan**, Co-Chair of CRA-I and Principal Software Engineer, Systems Research, Google. "By fostering open collaboration and discussion, CRA-I helps us shape research priorities, share best practices, and build diverse talent pipelines that drive innovation and make a real impact."

From tech giants to financial institutions and national labs, industry is seeing the value of CRA membership—learn more about the benefits to industry members and connect with us about joining our community.

Get in Touch to Explore CRA Membership

Key Benefits of CRA Membership for Industry and Government Labs

CRA provides a range of benefits for industry and government lab members, including opportunities to build connections, influence research priorities and academic computing programs, and access valuable resources:

1. Academia-Industry Partnerships

CRA helps members forge meaningful connections with academic institutions through events like workshops, roundtables, and whitepapers, providing access to a network of top university contacts. CRA also offers guidance on all stages of partnerships, from initial collaborations to established, mature relationships, and is developing a "maturity curve" framework to help members navigate different stages of partnership development.

2. Shaping Computing Policy and Research Directions

CRA's presence in Washington, D.C., supports industry members in navigating federal funding and policy. CRA Government Affairs offers timely policy insights, and events like the Leadership in Science Policy Institute (LiSPI) and Congressional Visit Days equip members to advocate effectively within science policy. Through initiatives like the CRA Quadrennial Papers, members help guide federal investment, with CRA Government Affairs providing insights and connections to the policy-making process.

3. Growing and Diversifying Talent Pipelines

CRA members gain access to talent-development initiatives like the CRA-WP Grad Cohorts and UR2PhD Program, which support a diverse, skilled talent pool. CRA members also influence the talent pipeline and the training they receive in academic computing programs through efforts like CRA's Practitioner-to-Professor Survey, which ensures academic curricula align with industry needs.

4. Industry-to-Industry Networking and Best Practices

CRA offers a space for industry members to connect, share insights, and foster cross-industry partnerships. Members benefit from access to best-practice documents on topics like interdisciplinary research and DEI initiatives, providing actionable frameworks to implement within their organizations.

> "CRA-I provides a unique space for industry members to connect, collaborate, and share best practices," said **Divesh Srivastava**, CRA-I Co-Chair and Head of Database Research at AT&T. "The diversity of expertise among members sparks fresh ideas and innovative approaches that help us address challenges and develop strategies that no single organization could achieve alone."

5. Research and Development Resources

CRA provides essential resources for R&D, from cybersecurity initiatives to "Research in a Box"—a toolkit for companies seeking to launch research without extensive infrastructure. These resources streamline R&D processes and encourage collaboration across industry and academia.

> "CRA-I's focus on providing actionable resources and fostering collaboration is transformative for companies looking to enhance their research capabilities," said **Ben Zorn**, CRA-I Past Chair and Partner Researcher at Microsoft Research. "By connecting industry leaders with academic and government partners, CRA helps bridge gaps and accelerates innovation in ways that benefit the entire computing ecosystem."

A Growing Community Committed to Innovation

As CRA continues to grow and welcome new industry and government lab members, it remains dedicated to fostering impactful partnerships, advancing computing research, and addressing the most pressing challenges facing industry today. With a wide range of benefits, from networking and collaboration opportunities to policy insights and workforce development, CRA membership offers organizations the resources and connections they need to make a difference.

Join the growing list of industry leaders who are already realizing these benefits.

Get in Touch to Explore CRA Membership

Advance Your Teaching-Track Career at the CRA Pre-Symposium at SIGCSE 2025!

CRA-E
Computing Research Association
Education

By Matt Hazenbush, Director of Communications

The Computing Research Association (CRA) invites teaching-track faculty in PhD-granting computing departments to apply for the CRA Professional Development Pre-Symposium for Teaching-Track Faculty, held in conjunction with SIGCSE 2025. This full-day, in-person event, scheduled for **Wednesday, February 26, 2025**, at the David L. Lawrence Convention Center in Pittsburgh, offers an exclusive opportunity to build essential leadership skills, connect with peers, and gain insights from senior teaching faculty and administrators.

Event Highlights:

- **Expert Panels & Networking:** Engage in interactive discussions with senior teaching faculty and administrators, gaining insights into leadership and career advancement.

- **Skill-Building Mini-Workshops:** Choose from specialized sessions focused on creating teaching portfolios, selecting service activities, grant writing, and more.

- **Community Connection:** Network with teaching faculty across North America, sharing strategies and building professional support networks.

Event Page

"This event is a fantastic opportunity for teaching-track faculty to connect and learn from experienced leaders," said Borja Sotomayor, Senior Instructional Professor in Computer Science at the University of Chicago and one of the event organizers. "Participants will leave with fresh perspectives, practical strategies, and a support network that will benefit them throughout their careers."

Travel Funding Availability

To make this opportunity accessible to everyone, travel funding is available to assist attendees with costs related to the workshop, and may include individuals who do not have pre-existing travel plans for SIGCSE 2025. Priority will be given to individuals from Minority-Serving Institutions (MSIs) and those from groups underrepresented in computing.

Event Organizers:

- **Geoffrey Herman –** Teaching Professor, School of Computing and Data Science, University of Illinois at Urbana-Champaign

- **Borja Sotomayor –** Senior Instructional Professor, Department of Computer Science, University of Chicago

- **Jennifer Campbell –** Professor, Teaching Stream, Department of Computer Science, University of Toronto

- **Lisa Yan –** Assistant Teaching Professor, Department of Electrical Engineering and Computer Sciences, UC Berkeley

- **Logan Paul –** Senior Lecturer, Department of Informatics, Indiana University Bloomington

- **Jeffrey A. Turkstra –** Associate Professor of the Practice, Department of Computer Science, Purdue University

Eligibility: This symposium is open to early and mid-career teaching faculty, as well as graduate students and postdocs exploring teaching-track roles. Preference will be given to applications received by December 8, 2024. **Apply now** — applications will be accepted until January 31, 2025, or until the event reaches capacity.

Apply Now

For questions, please reach out to us at crae-info@cra.org.

2025 NSF CSGrad4US Graduate Fellowship and Mentoring Program Now Accepting Applications

By Erik Russell, CRA Director of Educational Initiatives

Do you know someone who would thrive in a PhD program in computing? Perhaps a former student, colleague, or mentee with industry experience who's ready to return to academia? The U.S. National Science Foundation's Computer and Information Science and Engineering Graduate Fellowship Program (NSF CSGrad4US) offers a unique opportunity for individuals to transition back to graduate school and pursue a PhD in computing-related fields, with funding for three years of their selected graduate program.

Through a year-long mentoring program, NSF CSGrad4US guides participants through graduate program selection and the admissions process. Once enrolled, Fellows receive substantial financial support, enabling them to focus on their research and academic goals.

Sarah Boelter, a current Fellow from the University of Minnesota, highlighted the program's transformative impact:

> *"As someone coming from an industry-focused background, the NSF CSGrad4US Fellowship & Mentoring Program helped me develop realistic expectations for graduate school. The Fellowship gave me the opportunity to leverage the skills I developed over the course of my career and empowered me to bring new ideas and perspectives into the world of academic research."*

Another Fellow, Steven Shi from The University of Texas at Austin, shared:

> *"I had always wanted to pursue a PhD in the AI/ML field but had financial obligations to meet after graduating. Receiving the CSGrad4US Fellowship not only meant access to resources for my PhD but also having a dedicated mentor during the application process to help tailor my statements to what admissions committees were looking for and befriending a rich network of Fellows who were transitioning from a similar stage in life as me back into academia."*

Faculty and professionals: Think about the talented individuals in your network. Who might benefit from this unique opportunity to get mentorship, support, and guidance to re-enter academia?

Applications are now open and close on **May 31, 2025**. Learn more about the program by visiting the NSF CSGrad4US program page and reading about its impact in our recent article, NSF CSGrad4US Fellowship Program Shines at AI Education Showcase on Capitol Hill.

Start an Application

Help us spread the word — share this incredible opportunity with someone who's ready to take the next step in their computing career!

What Is the NSF CSGrad4US Fellowship & Mentoring Program? NSF CSGrad4US

CRA Deans Council Elects New Leadership

By Matt Hazenbush, Director of Communications

The Computing Research Association (CRA) is pleased to announce the newly elected leadership of the Computing and Information Deans Council, which supports deans from emerging and established colleges and schools of computing and information worldwide. This leadership team, elected by the council's membership, is serving a two-year term, guiding the council in fostering a collaborative community for institutions with a computing or information school structure reporting directly to the Provost or Chief Academic Officer.

The CRA Deans Council was established to provide direction and support for colleges and schools dedicated to computing and information disciplines. Today, it encompasses over 30 institutions, spanning multiple countries. In addition to its standing members, the council welcomes participation from institutions planning the establishment of computing or information schools.

Recently, the CRA Deans Council, the CRA Deans Council elected the following distinguished leaders:
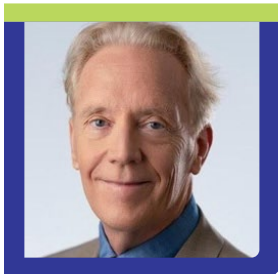
Keith Marzullo, Chair

Keith Marzullo has served as Dean of the College of Information Studies at the University of Maryland since 2016. Under his leadership, the college has experienced substantial growth in academic programs, faculty, and research areas. Marzullo's strategic vision emphasizes technology's role in serving society, fostering collaborations with academia, industry, and community partners.

A renowned expert in cybersecurity, privacy, and socio-technical systems, Marzullo is an ACM Fellow and serves on the advisory board for the National Science Foundation Office of International Science and Engineering. Previously, he held prominent roles in the White House Office of Science and Technology Policy and the U.S. National Science Foundation (NSF).

Dennis Livesay, Vice Chair

Dennis Livesay is the Dave House Dean of Computing at Michigan Technological University, with expertise in computational biophysics and bioinformatics. His extensive background in interdisciplinary research has led to significant advancements in understanding physicochemical properties and their relationship to evolutionary biology.

Livesay's academic career spans appointments in applied computing, bioinformatics, biomedical engineering, chemistry, and computer science. He previously held leadership roles at Wichita State University and UNC Charlotte, where he contributed to the development of academic programs and research initiatives. He has served on the editorial boards of several major scientific journals, including *BMC Bioinformatics* and *PLOS Computational Biology*.

Martha Garcia-Murillo, Secretary

Martha Garcia-Murillo is the Lee D. and Willa Seemann Distinguished Dean at the College of Information Science & Technology at the University of Nebraska Omaha. She has research expertise in ICT regulation and policy, with a focus on the societal impact of technology. Her work explores employment trends and policy implications in a tech-driven society.

Garcia-Murillo has provided consulting services to multiple United Nations agencies and led international training programs for regulators. She has held visiting appointments at institutions such as MIT and the

Deans Council *(continued)*

University of British Columbia and has a distinguished academic background that includes degrees from the National Autonomous University of Mexico and the University of Southern California.

Eunice Santos, Past Chair

Eunice E. Santos, Professor and Dean of the School of Information Sciences at the University of Illinois at Urbana-Champaign, specializes in computational social science with applications in community resilience and disaster response. Santos's research is known for bridging computational methods with social and behavioral science to address societal challenges.

She has received numerous honors, including the IEEE Big Data Security Woman of Achievement Award, and is a Fellow of both IEEE and the AAAS. Her career includes faculty roles at Illinois Institute of Technology and involvement in high-impact projects in cybersecurity and social network analysis.

Get Involved with the CRA Deans Council

For those interested in joining this dynamic council or learning more about its initiatives, please fill out this form. The CRA Deans Council welcomes institutions with a commitment to advancing computing and information education and research to participate in this collaborative effort to shape the future of the field.

Apply Here

Multiple CRA Programmatic Committees Welcome New Leadership

By Matt Hazenbush, Director of Communications

CRA's programmatic committees are vital to advancing the organization's mission, tackling a range of initiatives in leadership, policy, talent development, and research evaluation. Led by dedicated community volunteers and supported by CRA staff, these committees drive impactful programs and partnerships that support the computing research community.

Recently, several of CRA's programmatic committees have welcomed new leadership. Here's an overview of the committees and their new leaders.

CRA Widening Participation (CRA-WP)

The **CRA Widening Participation Committee** (CRA-WP) is dedicated to increasing diversity in computing research and education by creating pathways for underrepresented groups. CRA-WP provides mentoring, support, and resources across all stages of the research pipeline—from undergraduate to faculty levels.

New Leadership:
Soha Hassoun, Co-Chair

Soha Hassoun is a Professor and former Chair of the Department of Computer Science at Tufts University, with secondary appointments in the Departments of Electrical and Computer Engineering and Chemical and Biological Engineering.

Dr. Hassoun's research sits at the intersection of machine learning and systems biology, focusing on developing tools to advance biological systems design. She received her BSEE from South Dakota State University, an MS from MIT, and a PhD from the University of Washington. Dr. Hassoun has received the NSF CAREER Award and multiple ACM/SIGDA service awards, including the Distinguished Service Award. She is a senior member of IEEE and ACM and co-founded the International Workshop on Bio-Design Automation.

CRA Government Affairs

The **CRA Government Affairs Committee** plays a crucial role in advocating for federal investment in computing research. As a trusted source for policymakers, the committee educates and advises on the benefits of computing research and provides expert testimony on science policy issues.

New Leadership:
Alex Aiken, Chair

Alex Aiken is the Alcatel-Lucent Professor of Computer Science at Stanford University and a member of the CRA Board of Directors.

His research focuses on programming languages and their applications, and he holds appointments in Particle Physics, Astrophysics, and Photon Science at the SLAC National Accelerator Laboratory. Dr. Aiken earned his undergraduate degree from Bowling Green State University and his PhD from Cornell University. A fellow of ACM, Dr. Aiken has received the ACM SIGPLAN Programming Languages Achievement Award and the Phi Beta Kappa Teaching Award. He is a member of the CRA Board of Directors.

William Gropp, Vice Chair

William Gropp holds a Grainger Distinguished Chair in Engineering and is the Director of the National Center for Supercomputing Applications at the University of Illinois at Urbana-Champaign.

Known for his work in parallel computing and software for scientific computing, Dr. Gropp co-authored the widely-used MPI implementation, MPICH, and contributed to the PETSc library. He is a member of the CRA Board of Directors and holds a BS in Mathematics from Case Western Reserve University, an MS in Physics from the University of Washington, and a PhD in Computer Science from Stanford University. Dr. Gropp is a member of the National Academy of Engineering and a fellow of ACM, IEEE, SIAM, and AAAS.

Center for Evaluating the Research Pipeline (CERP) Advisory Board

The Center for Evaluating the Research Pipeline (CERP) provides data resources and evaluation services to the computing community, conducting systematic research and program evaluations to support its mission of increasing diversity in computing research.

New Advisory Board Members:
Dorian Arnold, Emory University

Dorian Arnold is an Associate Professor of Computer Science at Emory University, specializing in distributed systems, fault tolerance, and high-performance computing environments.

His research explores performance, scalability, and reliability challenges in large-scale systems. Dr. Arnold holds a PhD and MS in Computer Science from the Universities of Wisconsin and Tennessee, respectively, and a BS in Math and Computer Science from Regis University. He is an ACM Distinguished Speaker and has held leadership roles in HPC venues, including the SC Conference.

Carla Corroto, Otterbein University

Carla Corroto is a Professor of Sociology at Otterbein University, where she teaches courses on the sociology of race and ethnicity, gender, wealth poverty and inequality, and urban sociology.

Dr. Corroto's research investigates the intersections of gender, race, social class, and disability in architecture and urban design. She holds a PhD in Sociology from The Ohio State University in Sociology and a Masters in Architecture from the University of Illinois, Chicago.

Wendy DuBow, NCWIT

Wendy DuBow is a Senior Research Scientist and Director of Strategies for Education Research & Evaluation at the National Center for Women in Technology (NCWIT), with an affiliate faculty position in Women and Gender Studies program at the University of Colorado at Boulder.

She oversees NCWIT's research and evaluation efforts and conducts primary research focused on diversity in technology and organizational change in academia. Dr. DuBow earned her PhD from the University of North Carolina at Chapel Hill and has served as a principal investigator on numerous NSF-funded broadening participation in computing projects.

Ann Quiroz Gates, University of Texas at El Paso

Ann Quiroz Gates is a Senior Vice Provost and AT&T Distinguished Professor of Computer Science at the University of Texas at El Paso, where she leads the Computing Alliance for Hispanic-Serving Institutions (CAHSI).

Dr. Gates's research focuses on software engineering and broadening participation in computing. She is a recipient of the CRA A. Nico Habermann Award and the Anita Borg Institute Social Impact Award.

Kinnis Gosha, Morehouse College

Kinnis Gosha is the Hortinius I. Chenault Endowed Professor of Computer Science and Executive Director of the Center for Broadening Participation in Computing at Morehouse College.

A member of the CRA Board of Directors, Dr. Gosha's research focuses on conversational AI, social media data analytics, and culturally relevant computing. He holds over 60 peer-reviewed publications and has led initiatives supporting African American students in computing.

Ran Libeskind-Hadas, Claremont McKenna College

Ran Libeskind-Hadas is the Founding Chair of the Department of Integrated Sciences at Claremont McKenna College and serves as Vice Chair of the CRA Board of Directors.

His research focuses on computational biology, including evolutionary tree reconciliation algorithms. Dr. Libeskind-Hadas received his AB in Applied Mathematics from Harvard and his PhD in Computer Science from the University of Illinois Urbana-Champaign. He has also co-chaired CRA-E and served in various other leadership roles within CRA.

Kathryn McKinley, Google

Kathryn McKinley is a Distinguished Engineer at Google, where she leads teams focused on optimizing Google Cloud's infrastructure.

Previously a researcher at Microsoft and an endowed professor at the University of Texas at Austin, Dr. McKinley is known for her contributions to memory management and garbage collection technologies. She holds numerous awards, including the ACM SIGPLAN Programming Languages Achievement Award.

Sepi Hejazi Moghadam, Google

Sepi Hejazi Moghadam is the Global Programs Lead for Research Solutions & University Relations at Google.org, he leads a team that engages with the global AI research community through programs, events, and collaborative research activities.

Sepi has a Doctorate in Political Science and Education from Columbia University, a Masters in Policy Analysis and Evaluation from Stanford University, and a BA in Sociology from UC, Santa Barbara. Prior to joining Google, Sepi was a consultant at AT Kearney and Booz Allen Hamilton; and prior to being a consultant he spent ~10 years in the education sector with stops in the New York City Department of Education and Oakland Unified School District.

He's a social activator, connector and strategist and a champion for equality and equity.

Christine Ong, CRESST
Christine Ong is a Research Scientist at CRESST with over 10 years of experience in educational research and evaluation.

She leads evaluation efforts for NSF-funded computing initiatives and previously worked as a research analyst for First 5 LA. Dr. Ong earned her PhD from the University of California, Los Angeles, and specializes in STEM education evaluation.

Gary Silverstein, Westat
Gary Silverstein is an Associate Vice President for Education Studies at Westat, focusing on efforts to broaden STEM participation.

He provides evaluation and technical assistance to NSF, helping to design performance monitoring systems. Mr. Silverstein holds an MA in Public Policy and Administration from the University of Wisconsin and a BA in Political Science from the University of Michigan.

Get Involved With CRA
Interested in advancing the computing research community? CRA offers many ways to get involved. Complete our Get Involved Form to explore volunteer opportunities, committee roles, and other ways to contribute to CRA's mission.

We're also accepting nominations for the CRA Board of Directors. Serving on the board allows you to help shape CRA's initiatives and support the future of computing research. Nominations are open until **December 5, 2024**. Submit your nomination here or contact elections@cra.org for more details.

# Policy Spotlight: Stephanie Forrest, Arizona State University

By CRA Government Affairs

As part of CRA's mission to help the computing research community become more aware and engaged in the policymaking that affects our field, *Computing Research News*' Q&A series, **Policy Spotlight: Conversations with Computing Researchers**, highlights the work that community members are doing in governmental roles or who have taken part in CRA Government Affairs activities. This series allows you to hear directly from policy-minded members of the community, in their own words, to highlight work that the community should know about and raise awareness of the types of opportunities available to those interested in serving.

This edition features Stephanie Forrest, Director of the Biodesign Center for Biocomputation, Security and Society at Arizona State University, and a leading figure in computing research. Dr. Forrest served as the Government Affairs Committee Chair at CRA from 2016 to 2024. Over her eight-year tenure as chair, Dr. Forrest has been instrumental in guiding CRA's policy and advocacy efforts, ensuring that the voices of the computing research community are heard at the national level. Dr. Forrest has experience as a policymaker herself, as a Jefferson Science Fellow at the U.S. Department of State in 2013-2014 where she worked on cyber policy.

In this Q&A, she discusses her work with the committee, the initiatives she has led, and her vision for the future of CRA's engagement in government affairs.
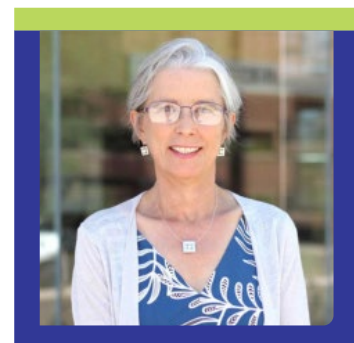
Can you tell us about your role as the Chair of the CRA Government Affairs Committee and what your responsibilities were during your tenure?

The Government Affairs Committee, or GAC, is charged with representing the computing research community in Washington D.C., conveying the importance of computing research, tracking and influencing relevant policy and legislation, and helping our community participate in policy making. Much of the GAC's work comes in the form of asynchronous requests to comment on pending legislation, participate in rule-making processes, or provide more informal input about a particular topic or proposal. As Chair, I worked closely with our policy staff, Brian Mosley and Peter Harsha, to triage these requests, consult with the full committee, process the committee and community inputs, and then draft written materials. We also host several regular events throughout the year. These include: virtual town halls open to our members, which are devoted to a particular policy issue; the biennial Leadership in Science Policy Institute (LiSPI) workshop for computing professionals interested in policy work; and an active policy blog to keep members up to date on the latest developments in D.C.

What inspired you to take on this leadership role within CRA, and how did your perspective on interplay between computing and government policy evolve over the years you served?

Soon after I joined the CRA Board, the role found me when the previous GAC Chair rotated off the CRA Board. I had recent experience working at the State Department on policy, which gave me insight into how government works and why policy making is so important. Many of our current technological plagues arose because the people developing and marketing technology were isolated from those who actually use or are affected by it on a daily basis. I continue to be motivated by the need for computer science researchers to interact directly with the policy-making process.

During your eight years as chair, what do you feel was the most impactful or memorable accomplishment for the committee?

Impact in this space is very difficult to measure. Policy-making in the U.S. government is about process. This is challenging for computer scientists to grasp, who are used to tackling goal-directed projects. For example, most of us would likely agree that having a free and fair election is more important than which candidate is elected, regardless of how strongly we feel about particular choices. Just as it is important to vote, so it is important to participate in formulating policy. However, here are a couple of examples of the work we do.

Keeping with the election theme, in 2019 the Election Technology Research Act was proposed, and in 2020 CRA was asked to sign on to two letters, both opposing proposals to allow Internet-based voting during the pandemic. The issue wasn't specifically about computing research, so the decision was not obvious. We ultimately decided that the issue was important, and that our technical expertise would be informative, so we signed the letters.

A second example concerned an agency research security initiative which targeted researchers with foreign connections working on federally-funded research projects. In summary, the initial instructions required research organizations to categorize researchers into different risk categories, and the criteria were overly severe. For example, it seemed that any U.S. researcher could be labeled 'high risk' if they were of Chinese descent, or even had Chinese friends. In response, a subset of the GAC met with the authors of the policy and voiced our objections and suggestions. The subsequent version of the instructions is considerably more reasonable.

What were the biggest policy challenges you faced while leading the Government Affairs Committee, and how did you address them?

When I started in 2016, most of our work involved advocating for computing research funding—a generally uncontroversial activity that we understand well. Since then, there have been several sea changes, which have collectively increased the volume and diversity of issues that the GAC considers. In particular, government concerns about research security, CRA's change of mission to include socially responsible computing and the explosive rise of interest and activity in AI, have all contributed to an expanded and more complex policy landscape.

How did CRA's Government Affairs Office adapt during your tenure to tackle emerging issues like artificial intelligence and research security? Were there any politically challenging situations to deal with?

The Office itself has been remarkably stable, although our policy staff, Brian and Peter, are working harder than ever, and we've had to be more selective about the issues on which we can engage. We are fortunate to have their perspective and expertise as the GAC members come and go. Politically challenging situations do arise, most often when our opinions about an issue either don't align with the larger community's consensus or when our position would exacerbate a partisan debate. Over the years, we have worked hard to establish a reputation for non-partisanship, deep technical expertise, and trustworthiness with sister organizations and government.

CRA
Computing Research Association
Government Affairs

What advice would you give to computing researchers interested in becoming more involved in policy, advocacy, or serving in governmental roles?

CRA runs a biennial workshop called the Leadership in Science Policy Institute (LiSPI) to help computing researchers learn about the many ways they can become involved with policy. We also organize an annual Congressional Fly-in (known as Congressional Visit Day), which is a great way to dip your toe in the water, meet people, and learn about the policy landscape. There are a number of fellowship programs that place researchers in government agencies, which is how I went to the State Department. Finally, many state legislatures are actively considering legislation related to computing, in particular, privacy and AI. Getting involved at the state level can be very rewarding, as I learned years ago when I helped draft a bill related to computer science education in the state of New Mexico, testified about its importance, and then saw the bill enacted into law.

What are your hopes for the future of CRA's policy and advocacy work, and how can members of the computing research community continue to support these efforts?

Of course, I hope that CRA will continue to play an influential role in policy related to computing research and through that work enhance the computing research ecosystem. Part of that work will include incorporating industry (CRA-I) and socially responsible computing perspectives into policy positions. More broadly, digital technology has improved many people's lives, but increasingly we see problems related to inequality, climate change, privacy and civil liberties, democratic processes, and psychological effects. Although CRA and the GAC can't own all of these problems, I do hope that our advocacy efforts help the government and research community make decisions that move us in a positive direction.

Call for Participation: Breadth of Partnership Practices in Fostering Academia-Industry Relationships

By Helen Wright, Manager, CRA-I

The following CRA-I workshop is organized by Mary Hall, Amit Jain, and Vivek Sarkar.

Motivation and Goals

Collaboration between academia and industry is crucial for driving technological innovation and fostering economic growth. By identifying successful partnership models and a range of effective practices, stakeholders can strengthen these connections to stimulate new ways of engagement between academia and industry.

In support of this goal, CRA-Industry is hosting a small, 40-person workshop on "**Breadth of Practices in Academia-Industry Relationships**" in Seattle, WA, on March 20-21, 2025. Scott DeBoer, Executive Vice President of Micron, will be the keynote speaker. The workshop aims to bring together computing research stakeholders from both academia and industry to explore key questions, including:

- Leveraging Industry Resources: How can academia effectively utilize industry resources and expertise to improve research outcomes?
- Shaping Curricula: How can industry play a more active role in helping universities align curriculum with evolving industry needs and trends?
- Incentivizing Collaboration: What incentives can universities offer faculty and researchers to engage in collaborative projects with industry partners?
- Promoting Entrepreneurship: How can universities better facilitate technology transfer and entrepreneurship to turn academic research into real-world applications?
- Ensuring Equitable Collaboration: What strategies can be implemented to ensure fair distribution of benefits and recognition in academia-industry partnerships?

Participants will engage in meaningful discussions, share best practices, and contribute to the development of a "breadth of practices" document to be shared with the broader computing research community.

How to Participate

If you are interested in attending, please email Helen Wright (hwright@cra.org**) by December 6th**. **If you are interested in participating as a speaker, please submit a brief paragraph highlighting your involvement with academia/industry partnerships.** Due to space limitations and the goal of fostering open discussions among a small group, the workshop planning committee will select participants based on the relevance of their submissions to the workshop topics.

As part of our commitment to making this event accessible, CRA-I charges no registration fee to attend. Participants are only responsible for their travel and hotel expenses (a link for discounted hotel rates will be provided during registration). If you have any questions about these policies, please reach out to Helen Wright at **hwright@cra.org**.

CRA-I and the workshop organizers look forward to your submission!

Student Highlight: Improving Security and Privacy Education for Low-Income Students

CRA-E
Computing Research Association
Education

By Alejandro Velasco Dimate (CRA-E Fellow, College of William & Mary) and Emma McDonald (CRA-E Fellow, University of Alberta)

This Q&A highlight features Katherine Quintanilla, an Honorable Mention in the 2024 CRA Outstanding Undergraduate Researchers award program. Katherine is an undergraduate at Tufts University, with a double major in Computer Science and Child Study & Human Development.

What brought you to research?

I am a first-generation college student from a low-income background, so I am the first in my family to go to college, which was really daunting. I did not know about research until I got to college. A lot of my peers were talking about their research experience, and I was worried I was behind. I also needed to find a summer job, so I started looking for research positions. I applied to a program at my university called Visiting and Early Research Scholars' Experiences (VERSE), which places students who have not done research before into summer research positions. I met my undergraduate research supervisor, Daniel Votipka, during the interviews for VERSE. He has been really dedicated to learning about my background and giving me the support I need.
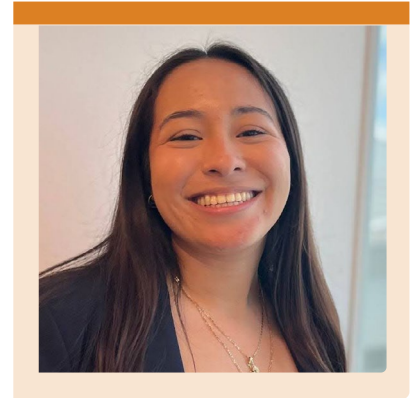
Katherine Quintanilla, B.S. in Computer Science, Tufts University

Can you tell us about your research?

My first project was about the security and privacy concerns of FERPA, which is a law to protect the privacy of student education records in the US. I had to call the registrar for multiple universities to get information about how they implement FERPA. Together with Sarah Radway, a PhD student from my lab, we published a paper on this project at CHI in 2024. My current research interests lie in security and privacy education for low-income areas. In this context, it is common for parents not to have the time or familiarity to teach their children how to be safe on the internet. I am currently working on a paper about how to better support educators in teaching security and privacy to low-income students.

Can you tell us more about your experience doing qualitative CS research?

When I tell people I am a CS researcher, they often assume I am creating a new programming language or something like that. When I explain what I actually do, I find they have a lot of preconceived ideas about what CS research is. I think sometimes people forget to ask about the repercussions of pushing CS as far as it can go. At the end of the day, people are going to interact with these new technologies, so we need to know how they are going to impact us. If we are not thinking about the people that our work affects, I do not think there is a point in continuing to go further in CS research.

What do you find challenging and what do you like about research?

One challenge has been learning how the academic research environment works. For example, I attended a conference talk that was related to my research, and I had a lot of questions for the speaker. I talked to my supervisor about it and I was surprised when he told me I could email the speaker directly to talk about her work. Learning where to look and who to talk to has been challenging. What I like about research is that it is not black and white. There is no specific answer to which ideas you should pursue. When I have a topic I am interested in, it feels like I want to keep getting deeper and deeper, and to learn as much as I can. Then, once I have gathered all this data, I ask myself how I can use it to help others. In that way, I think research is an opportunity to do good in the world.

How do you stay motivated?

My motivation has always been to give back to my family. My parents immigrated from Mexico and El Salvador to have a better life. They have done so much for me, so I want to be there for them. My mom always taught me to be grateful for everything, so even when I am stressed, I think about how grateful I am for these opportunities and it encourages me to keep going. I make sure to stay connected with my family. I also take the time for hobbies like baking and reading.

Do you have any advice for other students from a similar background looking to get into research?

Ask a lot of questions, even though it is scary and you might not want to do it. When you are from a low-income background, you might be used to doing things on your own, but you have to realize that asking questions and finding a support system will let you achieve so much more. It can be discouraging to know you are underrepresented in computing, but by being here, you open the door for others to follow in your footsteps. When I speak to students, especially other Latinx students, I always share my background, because I want to let them know it is possible for us to excel in this field.

Nominate an Emerging Leader in Computing: CRA 2025 Early Career Awards

CRA-WP
Computing Research Association
Widening Participation

By Lauren Lashlee, Senior Program Associate, CRA-WP

The Computing Research Association (CRA), in collaboration with its Widening Participation Committee (CRA-WP), is pleased to invite nominations for the 2025 CRA Early Career Awards. These awards are given to early-career individuals who demonstrate the potential for impactful contributions and leadership in their field of research as well as in the mission to increase participation in computing careers from populations who are underrepresented in computing research.

The CRA Early Career Awards consist of two honors:
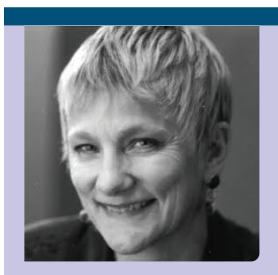
anitab.org/our-history/

CRA Anita Borg Early Career Award

Named in honor of Dr. Anita Borg, a groundbreaking computer scientist and a relentless advocate for women in technology, the CRA Anita Borg Early Career Award celebrates a researcher in computing who exemplifies both research excellence and commitment to expanding opportunities for women in the field. Dr. Borg, who was an early CRA-WP member, pioneered projects that opened doors for women in technology worldwide, including founding the Institute for Women in Technology (now AnitaB.org) and co-founding the Grace Hopper Celebration of Women in Computing. She envisioned a future where women would play active roles in the technical and design aspects of technology.

cs.illinois.edu/about/awards/ alumni-awards/alumni- awards-past-recipients/ clarence-ellis

CRA Skip Ellis Early Career Award

Named in honor of Dr. Clarence "Skip" Ellis, the CRA Skip Ellis Early Career Award recognizes early-career researchers who exemplify Dr. Ellis's pioneering spirit and commitment to inclusion. Dr. Ellis was a visionary computer scientist and the first African American to earn a PhD in computer science (University of Illinois, 1969). He also became the first African American ACM Fellow, a testament to his groundbreaking work in collaborative software systems and office automation. His research contributed foundational insights that shaped modern computer science, particularly in the area of distributed systems. Throughout his career, Dr. Ellis was a dedicated mentor and advocate, inspiring new generations to pursue computing, regardless of background.

Please share this announcement with your networks to help identify and celebrate deserving candidates who are excelling in research and driving inclusivity in computing.

Updated Eligibility Criteria

The eligibility criteria for the CRA Early Career Awards have been broadened to include nominees who are not themselves from populations underrepresented in computing but have actively worked to support and increase the participation of individuals from underrepresented populations in computing research.

The nominee must be an individual who has:

- Made significant research contributions,

- Had positive and significant impact on advancing diversity in the computing research community,

- Is a relatively early-career faculty member or researcher (at most 8 years post-PhD as of January 1 of the award year) in an industry or government lab, and

- Is affiliated with an institution, industry lab, or government lab in the United States, its territories, or Canada.

CRA encourages nominations of early-career individuals who are from populations underrepresented in computing research, including Women, LGBTQIA+, Persons with Disabilities, Black, African American, Hispanic, Latino/a/x, Native American, and/or from tribal colleges and universities (TCU), historically black colleges and universities (HBCU), and other minority serving institutions (MSI).

Nominations for the 2025 Early Career Awards will be accepted until **January 31, 2025 9:00 pm ET.** For full details on the awards, eligibility criteria, and the nomination process, please visit the CRA Early Career Awards page.

Departments, Faculty, and Students Are Encouraged to Get Involved In UR2PhD

By Julia Sepulveda, Senior Program Associate, CRA-E

UR2PhD makes it possible for undergraduate students to engage in research in a supportive learning environment. Unlike traditional undergraduate research experiences, UR2PhD focuses on providing groups of first-time researchers an opportunity to learn more about what research is and how they can build essential skills. UR2PhD flips the script by enabling students to receive instruction and support not just from their faculty mentors but also from CRA and their local CS community.

UR2PhD offers students, faculty, and departments an opportunity to create a pipeline of researchers, so that over time, there is a clear, accessible way for new students to get involved in research. In 2025, UR2PhD will re-offer its two courses and workshop series. The undergraduate research methods course will provide first time researchers working in groups of 2-4 the instruction they need to learn what research is and how to build foundational skills. The graduate student mentor training course will provide current undergraduate research mentors an opportunity to develop professionally while encouraging them to reflect on their goals and experiences. And the two workshop series will enable students to learn more about computing research and graduate school applications.

Get involved this coming spring!

Departments are eligible to apply for institutional partnerships

Institutional partners are schools, or departments, that work with the UR2PhD program to amplify and diversify the existing research infrastructure at their institution. Institutional partners designate a local coordinator to recruit faculty, graduate students, and undergraduate students to participate in the UR2PhD program. They also work to make matches that will result in a positive group experience.

Students at institutional partner schools receive priority admission for the program activities. Institutional partner applications for the spring 2025 term are open on a rolling basis. Given that the program takes some time to set-up, we encourage applying as early as possible.

Faculty are encouraged to mentor undergraduates and begin creating a pipeline of researchers with support from graduate students

If you are not at an institutional partner school, but would like to serve as a mentor for a group of 2-4 first-time researchers, we recommend scoping a 1-2 semester long project that students can participate in. Once you've scoped a project and selected a group of researchers, those researchers can directly apply to the UR2PhD program.

Graduate mentoring undergraduate researchers can apply to participate in the mentor training course for the spring semester

If you are not at an institutional partner school, but would like to learn more about how to provide culturally-responsive mentorship, we recommend applying for the graduate student mentor training program.

Undergraduate students working in groups of 2-4 can apply to participate in the research methods course and/or participate in workshops

If you are not at an institutional partner school, but would like to receive foundational research training, we recommend applying for the research methods course. Eligibility for the course is limited to students working in groups of 2-4 who can participate in the synchronous sessions at the same time as their groupmates.

In addition to the course, UR2PhD also offers two workshop series: the Computing Research Engagement and Awareness Series and the Graduate School Application Series. Registration is open to all North American undergraduates.

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

CCC Council Members Discuss Upcoming SuperComputing Conference Panel

CCC
Computing Community Consortium
Catalyst

By Petruce Jean-Charles, Communications Associate, CCC

CCC is pleased to announce that council members Michela Taufer and Chandra Krintz published an article in Inside AI News to discuss their upcoming panel at the 2024 Supercomputing Conference. As members of the Task Force on Sustainability and Climate Resilence, they are excited to be given a platform at the SC24 conference.

Here is a sneak peek at one of the questions they encourage leaders in computing to consider.

How can AI continue to drive innovation while minimizing environmental harm?

By now, we can all agree that AI has enormous potential, but we must ask ourselves whether the growing environmental cost of scaling AI is undermining its benefits. Large language models like GPT or BERT require vast computational resources and, thus, enormous amounts of energy. A single query to ChatGPT consumes approximately ten times more energy than a traditional Google search. These operations are taking place in expansive data centers consuming increasing energy. As AI continues to evolve, its energy demands and associated carbon footprint threaten to undermine the benefits that it promises to deliver.

There is a tendency for individuals to throw up their hands and decide that problems such as these are too big for them to solve, but a grassroots effort could be a critical place to start. This looming peril calls for a concerted effort from the HPC community to prioritize energy efficiency in AI system design down to the code, where energy-efficient hardware architectures are combined with optimized algorithms that mitigate the impact of AI on carbon output. This means developing a workforce that understands the system-level implications of AI training, including power consumption, data movement, and their associated costs. Instead of focusing solely on advancing AI's capabilities, it's important to prioritize these AI systems' efficiency to achieve a sustainable balance.

The communities engaged in developing AI must be cognizant that while innovation is the aim, achieving balance is critical. They are responsible for ensuring that future AI technologies not only solve complex problems but also do so with minimal environmental impact.

Read the full article here.

Interested in attending this panel? You can register here.

Exploring Trust, Technology, and AI in Healthcare Data Sharing: Insights from the CRA-I Workshop

CRA-I
Computing Research Association
Industry

By Helen Wright, Manager, CRA-I

CRA-Industry (CRA-I) recently hosted a Sharing Healthcare Data workshop in October in Washington, DC. Over 35 healthcare professionals, academics, industry leaders, and government representatives convened to explore the intersection of healthcare data sharing, trust-building, and the evolving role of AI in patient care. The discussions highlighted crucial themes of inclusivity, patient-centered innovation, and the vital need for diverse perspectives to shape the future of healthcare data. The full agenda is available here. This workshop is spun off of the very successful CRA-I Sharing Healthcare Data Roundtable in December 2023.

The workshop was honored to feature keynote speakers Deborah Estrin from Cornell Tech and Tom Kalil from Renaissance Philanthropy. Estrin presented on Patient-Generated Data Sharing: Advancing Hybrid, Longitudinal Patient Care with Digital Biomarkers and Therapeutics (DBx, DTx), emphasizing the potential of patient-generated data in shaping comprehensive care. Kalil focused on the need for concrete, actionable steps in policy, urging the identification of specific data needs and detailed, agency-specific recommendations for policymakers.

A key theme that emerged throughout the workshop was trust in healthcare data sharing, particularly for underserved communities. While technology can improve access, culturally competent, human-centered approaches remain essential for building lasting trust. Some challenges in this field that were brought up include regulatory, legal, and consent barriers, as well as the need for clear AI policies in healthcare.

The workshop emphasized that transforming healthcare data sharing, while achievable, requires thoughtful approaches. By expanding stakeholder involvement, refining data-sharing policies, and supporting ongoing innovation, we can create a healthcare ecosystem that respects patient autonomy and serves the needs of all. Moving forward, our efforts should aim to build frameworks that not only advance healthcare technology but also ensure it is used responsibly, fairly, and in a way that fosters trust across all communities. Please keep an eye out for the workshop report, **which will be posted here**, in the next few months.

Arizona State University

School Director for the School of Mathematical and Natural Sciences

The School of Mathematical & Natural Sciences (SMNS) invites applications for School Director. SMNS is an interdisciplinary school in the New College of Interdisciplinary Arts and Sciences at Arizona State University (ASU). The successful candidate will provide visionary leadership and management for SMNS and grow the school in accordance with the values outlined in the ASU Charter. This position requires appointment at the rank of Full Professor at ASU. For complete qualifications and application information, see *http://apply. interfolio.com/155086*. The application deadline is October 23, 2024. ASU is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer.

Barnard College

Assistant Professor

Barnard College invites applications for a tenure-track assistant professor in Computer Science to start July 1, 2025. Barnard faculty are expected to engage in teaching, research, curriculum and program development, undergraduate advising, and mentoring of undergraduate research. The successful hire will further the aims and vision of Barnard's CS department and will embody strategic strengths for this growing program. There is opportunity to collaborate with faculty and students at both Barnard and Columbia. The position is open to all areas of computer science

as well as to multidisciplinary scholars with a significant computational focus. We encourage candidates who take a multidisciplinary approach, whether across multiple subareas of computer science, or with research connections to another discipline. Candidates must have a PhD in Computer Science or a related discipline, and should have a promising research agenda and record of scholarship, as well as a demonstrated commitment to undergraduate teaching, mentoring, and increasing diversity in computer science. Information and application at *https:// cs.barnard.edu/hiring/assistant- professor-computer-science-2025*.

Binghamton University

Assistant Professor in Computer Science

The School of Computing at Binghamton University (one of the SUNY Centers) invites applications for three tenure-track positions at the Assistant Professor level with an expected start date of January 1, 2025 or September 1, 2025. We are looking for excellent candidates in broad areas of Computer Science and Information Systems research, including but not limited to Computer Architecture and Systems, Software Engineering, Natural Language Processing and AI for Social Good.

Further details and application information are available at: *https://www. binghamton.edu/computer-science/ about/faculty-openings.html*

Applications will be reviewed until the positions are filled.

Binghamton University is an Equal Opportunity/Affirmative Action/Disability/ Veterans Employer.

Boston University

AI Faculty Hiring Initiative

Boston University (BU) invites applications for at least seven tenure-track faculty positions, and a number of possible non-tenure track positions, as part of a multiyear cluster hiring initiative in Artificial Intelligence (AI). This university- wide initiative, led by the Faculty of Computing & Data Sciences (CDS) in partnership with five schools and colleges at BU (Arts & Sciences, Business, Communication, Engineering, and Medical) aims to recruit a cadre of scholars working on foundational, methodological, and use-inspired dimensions of AI to be appointed in academic units spanning the disciplines of Computer Science, Data Science, Electrical & Computer Engineering, Emerging Media Studies, Information Systems, Linguistics, and Medicine. Successful candidates recruited through this initiative will have the opportunity to benefit from programs and pooled resources that the University will make available through CDS.

All candidates pursuing basic or applied research in data science, machine learning, and AI will be considered. Candidates working in one or more of the following dimensions of AI are encouraged to apply:

BU | Baylor University

Assistant or Associate Professor, Tenure Track, Computer Science - Software Engineering

Location: Waco, Tx
Open Date: Oct 02, 2024
Deadline: May 30, 2025 at 11:59 PM Eastern Time
Description:

The Department of Computer Science at Baylor University seeks qualified candidates for two tenure-track positions with the rank of **Assistant or Associate Professor** beginning August 2025. Successful candidates must have a Ph.D. in Computer Science, Software Engineering, or a closely related field. They will also have a commitment to excellence in teaching, exhibit the potential to support an independent research agenda, and have effective communication and organization skills.

Selected candidates will be expected to initiate and carry out research and perform academic duties associated with our undergraduate and graduate programs. The primary responsibilities are teaching courses, developing an externally funded research program, and leading graduate and undergraduate students in research.

Baylor's ABET-accredited CSI program currently has 11 tenured/tenure-track faculty including the McCollum Family Chair in Data Science and 7 lecturer faculty members. The faculty are internationally recognized in research areas including software engineering, data science, bioinformatics, machine learning, cybersecurity, big data, and computer systems. The department is housed within the Hankamer Building and the Baylor Research and Innovation Collaborative (BRIC; see https://bric.research.baylor.edu/). The department offers BS (including a Software Engineering concentration), MS (both online and in-person), and PhD degrees in Computer Science. It also offers the BSI degree with majors in Bioinformatics, Data Science, and Cybersecurity. Current enrollment is over 400 undergraduate and 80 graduate students. Additional information regarding the department, including its mission, is available at https://www.ecs.baylor.edu/research-departments/computer-science

Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of around 21,000 students, Baylor is one of the top universities in the nation, having just been named an R1 institution by the Carnegie Classification in 2022. Baylor is also on the honor roll of the "Great Colleges to Work For" from The Chronicle of Higher Education, Baylor offers competitive salaries and benefits while giving faculty and staff the chance to live in one of the fastest-growing parts of the state. Our strategic plan guides the University as we continue to live up to Baylor's mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Qualifications:
- A Ph.D. in Computer Science, Software Engineering, or a closely related field is required.
- Preference will be given to candidates with demonstrated excellence in research activities, publications, and teaching.
- Special consideration will be given to candidates who have demonstrated strong scholarship and have an established and active independent research agenda in software engineering or closely related areas.
- All candidates are expected to exhibit a passion for teaching and mentoring at the graduate and undergraduate levels.
- Qualities of a successful candidate for a senior position include leadership experience and a strong record of an independently funded research agenda.

Application Instructions: To apply, visit: https://apptrkr.com/5699215

Please provide the following documents through Interfolio:
- Cover letter, which includes the applicant's anticipated rank
- CV (Curriculum Vitae)
- Statement of research interests
- Statement of teaching interests related to Baylor's programs
- Contact information for at least three professional references
- Academic transcript of highest degree earned (Unofficial is accepted)
- Religious Affiliation Form (found in Interfolio)

The following documents are optional:
- Example publications

To ensure full consideration, all materials must be submitted by December 1, 2024.

Baylor University is a private not-for-profit university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity employer, Baylor is committed to compliance with all applicable anti-discrimination laws, including those regarding age, race, color, sex, national origin, military service, genetic information, and disability. Baylor's commitment to equal opportunity and respect of others does not undermine the validity and effect of the constitutional and statutory protections for its religious liberty, including, without limitation, the religious organization exemption under Title VII of the Civil Rights Act of 1964, the religious exemption to Title IX of the Education Amendments of 1972, and the Free Exercise Clause of the First Amendment to the United States Constitution, among others. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply. EEO/M/F/Vets/Disabled

Baylor University

Clinical Associate Professor, Non-Tenure Track, Computer Science - Cybersecurity

Description

The Department of Computer Science at Baylor University invites applications for a Clinical Associate Professor position specializing in Cybersecurity. This position will begin in August 2025. The successful candidate must have a Master of Science or Ph.D. in Computer Science or a related field and relevant industry or government experience in cybersecurity. They must also demonstrate a commitment to excellence in teaching, the development of a cybersecurity program, and effective communication and organizational skills.

The selected candidate will primarily focus on teaching and curriculum development in cybersecurity at both undergraduate and graduate levels. Responsibilities include mentoring students, growing the cybersecurity program, and potentially engaging in applied research or industry collaborations. Active participation in departmental service and outreach is also expected.

Please see Baylor Computer Science and Cybersecurity Central Texas Cyber Range (CTCR) for more information.

Applicants must submit their materials by December 15 to receive full consideration, but applications will be accepted until the position is filled. Contact CSSearch@Baylor.edu with any questions.

About Baylor University: Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of 21,000 diverse students, Baylor is one of the top universities in the nation, having been named an R1 institution by the Carnegie Classification in January 2022. Baylor is also on the honor roll of the "Great Colleges to Work For" from The Chronicle of Higher Education; Baylor offers competitive salaries and benefits while allowing faculty and staff to live in one of the fastest-growing parts of the state. Our strategic plan, Illuminate, guides the University as we continue to live up to Baylor's mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Qualifications
• Master's or Ph.D. in Computer Science or a field closely related to cybersecurity is required.
• Two years or more of experience, in industry or government, related to cybersecurity is required.
• Commitment to undergraduate and graduate education, with a focus on teaching and growing a cybersecurity program, is required.
• Preference will be given to candidates with demonstrated excellence in teaching, program development, and growth in the cybersecurity area.

Application Instructions
All materials should be submitted through Interfolio. Please provide the following documents:
• Cover letter
• Current Curriculum Vitae
• Statement of teaching interests in light of Baylor's Cybersecurity Program
• Statement of research interests as relates to Baylor's Cybersecurity Program
• Contact information for at least three professional references
• Religious Affiliation Form (available in Interfolio)

The following documents are optional:
• Example publications
• Academic transcripts

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://apptrkr.com/5708986

Equal Employment Opportunity Statement
Baylor University is a private not-for-profit university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity employer, Baylor is committed to compliance with all applicable anti-discrimination laws, including those regarding age, race, color, sex, national origin, military service, genetic information, and disability. Baylor's commitment to equal opportunity and respect of others does not undermine the validity and effect of the constitutional and statutory protections for its religious liberty, including, without limitation, the religious organization exemption under Title VII of the Civil Rights Act of 1964, the religious exemption to Title IX of the Education Amendments of 1972, and the Free Exercise Clause of the First Amendment to the United States Constitution, among others. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply.
EEO/M/F/Vets/Disabled

Baylor University

Department Chair of Computer Science, School of Engineering and Computer Science

Location: Waco, Tx
Open Date: Aug 26, 2024
Deadline: Jan 01, 2025 at 11:59 PM Eastern Time

Description: Baylor University invites applications for the position of **Chair of Computer Science (CSI) i**n the **School of Engineering and Computer Science (ECS).** The new Chair will communicate a clear vision for the future of education and research to a constituency that includes academia, government, industry, and alumni. The successful candidate will hold an earned doctorate in Computer Science or a closely related field and will demonstrate proven skills in leadership, research achievement, teaching excellence, professional engagement, and English communication. The Department Chair reports to the Dean of the School and will be a tenured Professor of Computer Science.

Baylor's ABET-accredited CSI program currently has 11 tenured/tenure-track faculty, including the McCollum Family Chair in Data Science and 7 lecturer faculty members. The faculty are internationally recognized in research areas, including software engineering, data science, bioinformatics, machine learning, cybersecurity, and computer systems. The department is housed within the Hankamer Building and the Baylor Research and Innovation Collaborative. The School of Engineering & Computer Science offers BS, MS (both online and in-person), and PhD degrees. It also offers the BSI degree in Bioinformatics, Data Science, and Cybersecurity. Current enrollment is over 300 undergraduate and 50 full-time graduate students.

Qualifications:
The successful candidate will:
- Hold an earned doctorate in Computer Science or a closely related field;
- Demonstrate proven skills in leadership;
- And demonstrate research achievement, teaching excellence, professional engagement, and English communication.

Application Instructions: To apply, visit: https://apptrkr.com/5632183
To ensure full consideration, please apply by November 1, 2024.

Please provide the following documents through Interfolio:
- Cover letter/letter of application
- Curriculum vitae
- Statement describing the applicant's views on leadership and vision for the department
- Individualized statement of teaching and research interests related to Baylor's programs
- Contact information for at least three professional references.
- Transcripts (unofficial or official) for the highest degree earned

All applicants must complete the self-disclosed Religious Affiliation Form in Interfolio.

The following documents are optional:
- Example publications

Anticipated Start Date: August 1, 2025

Baylor University is a private not-for-profit university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity employer, Baylor is committed to compliance with all applicable anti-discrimination laws, including those regarding age, race, color, sex, national origin, military service, genetic information, and disability. Baylor's commitment to equal opportunity and respect of others does not undermine the validity and effect of the constitutional and statutory protections for its religious liberty, including, without limitation, the religious organization exemption under Title VII of the Civil Rights Act of 1964, the religious exemption to Title IX of the Education Amendments of 1972, and the Free Exercise Clause of the First Amendment to the United States Constitution, among others. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply.

1. **Foundations.** Foundational research in the theories that enable the conceptualization, development, evaluation, and application of AI, including exploration of connections with topics in areas such as linguistics, cognition, algorithms, physics, biology, and biomedicine.

2. **Methodologies.** Supervised, unsupervised, and reinforcement machine learning methods and platform of broad applicability, including deep neural networks, federated learning, scientific machine learning, natural language processing, large language models, and multimodal learning.

3. **Use-Inspired.** AI research inspired by or tackling problems in areas beyond computing, including human-centered socio-technical systems, cognition, behavioral neuroscience, HCI, immersive media, business, finance, economics, public policy, regulatory compliance, and future of work.

An AAU institution with over 37,000 students from more than 140 countries and over 10,000 faculty and staff supporting over 300 programs of study and over $650M of sponsored research projects, BU is one of the largest private R1 universities in the US. Founded in 2019 and housed in an iconic 19-story building, CDS is a university-wide academic unit created to connect BU's 17 schools and colleges through the language of computation and data and to spur civic-minded innovation driven by data science and AI.

Building on BU's founding mission of equal access, including being first in the nation to admit women to medical school, to graduate a Native American physician, and to award a PhD to a woman, BU is committed to building a culturally, racially, and ethnically diverse scholarly community and to increasing participation of all talented students, especially women and other groups who are underrepresented in Computing and Data Sciences. Our university community welcomes differences, encourages open-minded exploration, and upholds freedom of expression.

BU expects excellence in teaching and in research, qualifications required of all applicants include a PhD or equivalent degree; a strong record of research; a demonstrated capacity for cross-disciplinary collaboration; and a commitment to innovative teaching.

Qualified faculty candidates are invited to submit their application materials through the search web portal at *https://academicjobsonline.org/ajo/jobs/28310*, indicating which of the academic units participating in this cluster hiring initiative they would like to be considered for. Review of applications will start on November 1, 2024 and will continue on a rolling basis until April 15, 2025.

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

BU conducts a background check on all final candidates for certain faculty and staff positions. The background check includes contacting the final candidate's current and previous employer(s) to ask whether, in the last seven years, there has been a substantiated finding of misconduct violating that employer's applicable sexual misconduct policies. To implement this process, the University requires a final candidate to complete and sign the form entitled "Authorization to Release Information" after execution of an offer letter.

Boston University

Tenure-Track Assistant Professor, Computer Vision/ Perception for Robotics

Convergent search in computer vision/ perception for robotics

The College of Engineering (CoE) at Boston University (BU) has embarked upon a bold new strategic plan that will pursue excellence and impact along multiple convergent research themes. As part of the Intelligent, Autonomous and Secure Systems theme, the CoE at BU is conducting a cross-cutting search for tenure-track faculty candidates at the Assistant Professor level whose research interests align with one or more of the following areas:

1. Hardware and algorithm co-design for vision: research that directly targets the interplay between the requirements of vision algorithms and hardware resources. This includes both hardware needs that arise from computational

demands (including, but not limited to novel architectures for low-power, low-latency, high-throughput processing) and the algorithmic needs that arise from robotic hardware (including, but not limited to perception in embedded autonomous vehicles that operate on the ground, on and under water, and in the air or in space, or perception for soft robots).

2. Computer vision for interaction with the real world: research that uses novel approaches to bridge the gap between perceiving the world and interacting with it (including, but not limited to foundation models for vision, language or actions or their multimodal combinations, 3-D vision for robotics, biologically-inspired frameworks, sensing and simulation tools, control and reinforcement learning from vision including safety, manipulation and grasping).

The candidate will have a primary appointment in either the Mechanical Engineering (ME) or Electrical and Computer Engineering (ECE) department depending on their interests. Cross-cutting research interests leading to secondary appointments in other Engineering departments, Computer Science, the Faculty of Computing and Data Sciences, and the Division of Systems Engineering are encouraged. Affiliations with the Center for Information and Systems Engineering (CISE), the Hariri Institute for Computing and Computational Science and Engineering, and the Robotics & Autonomous Systems Teaching and Innovation Center (RASTIC) would be anticipated.

We are looking for outstanding candidates with a Ph.D. in a relevant area who demonstrate potential for leading an independent and vibrant funded research program, teach effectively at the graduate and undergraduate levels, and utilize their expertise to strengthen collaborative research across departments within the college and beyond.

Boston University is an AAU institution with a rich tradition dedicated to inclusion and social justice. We are proud that we were the first American university to award a PhD to a woman and that Martin Luther King Jr. received his PhD here. We are dedicated to increasing the participation of all talented students and are committed to the pursuit of engineering by underrepresented groups at BU and beyond. Our university community welcomes differences, encourages open-minded exploration, and upholds freedom of expression.

For more information about BU CoE, please visit: *http://www.bu.edu/coe/*

We encourage candidates to apply early. Applications received by **November 15, 2024** will be given full consideration.

Applications can be submitted at *https://academicjobsonline.org/ajo/jobs/28226*

BU conducts a background check on all final candidates for certain faculty and staff positions. The background check includes contacting the final candidate's current and previous employer(s) to ask whether, in the last seven years, there has been a substantiated finding of misconduct violating that employer's

applicable sexual misconduct policies. To implement this process, the University requires a final candidate to complete and sign the form entitled "Authorization to Release Information" after execution of an offer letter.

We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, national origin, physical or mental disability, sexual orientation, gender identity, genetic information, military service, pregnancy or pregnancy-related condition, or because of marital, parental, or veteran status, or any other characteristic protected by law. We are a VEVRAA Federal Contractor.

Brandeis University

Tenure-track Assistant Professor of Computer Science

The Department of Computer Science at Brandeis University invites applications for a tenure-track assistant professor position in the area of Cyber Security and Privacy beginning Fall 2025. Qualifications required of all applicants include a Ph.D., awarded by Fall 2025, in Computer Science or a related discipline, a strong research record, and a commitment to teaching at the undergraduate and graduate levels. We seek exceptional candidates in all areas of Cybersecurity and Privacy as well as candidates exploring emerging or interdisciplinary topics that push the boundaries of these fields.

Professional Opportunities

Qualified applicants should apply at *https://academicjobsonline.org/ajo/jobs/28808*.

Carnegie Mellon University

Faculty Hiring All Tracks

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

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

Candidates with a commitment toward building an equitable and diverse scholarly community are particularly encouraged to apply. We seek to continuously improve the diversity of our student, staff and faculty populations, including and especially through annual faculty hiring processes.

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

We will begin accepting applications beginning August 5, 2024. To ensure full consideration of your application, please submit all materials no later than December 11, 2024. In your cover letter, please indicate clearly the department(s) you are applying to. You can learn more about our hiring plans and application instructions by visiting *https://scsdean.cs.cmu.edu/faculty-hiring*

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

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

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

Carnegie Mellon University

Faculty Hiring Teaching Track

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

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

Candidates for teaching track appointments should have strong interest and experience in graduate and undergraduate education, a Ph.D. in Computer Science or a relevant field, and outstanding academic credentials. Some programs will consider applicants with an MS and significant experience. The position involves teaching classes in their general area of expertise, ranging from large undergraduate lecture courses to small studio courses depending on departmental needs.

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

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

We will begin accepting applications beginning August 4, 2024. We will review applications based on two deadlines: October 2, 2024 and December 11, 2024. To ensure full consideration of your application, please submit all materials no later than your chosen deadline. In your cover letter, please indicate clearly the department(s) to which you are applying. You can learn more about the hiring plans of each department and application instructions by visiting *https://scsdean. cs.cmu.edu/faculty-hiring*.

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

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

Carnegie Mellon University in Qatar

Faculty in Computational Biology

Carnegie Mellon University (CMU) in Qatar invites applications for a teaching-track faculty position in Computational Biology (CompBio), starting in Fall 2025. The appointment is at the rank of assistant professor, but candidates with substantial teaching experience and significant research impact may be considered for higher levels.

Candidates must have a Ph.D. in Computational Biology, Computer Science, or related field, with outstanding academic credentials. The position expects strong interest and commitment to teaching, mentoring, and supporting students at the undergraduate level. It involves teaching classes in CompBio and introduction to programming. Besides being excellent educators, candidates are expected to actively engage in activities such as research, outreach, advising, and/or curriculum development.

More information can be found in this link and applications can be submitted through Interfolio at: *http://apply. interfolio.com/155105*.

Carnegie Mellon University in Qatar

Postdoctoral Positions

Carnegie Mellon University in Qatar invites applications for one or more postdoctoral positions. These positions are designed for candidates who are interested in enhancing their teaching portfolio, along with their research portfolio, to be better prepared for future academic positions. The positions expect candidates to relocate to Carnegie Mellon's campus in Doha in August 2025.

Application reviews will begin on November 1st, but they will be accepted until the position is filled. More information can be found in this link and applications can be submitted through Interfolio at: *https:// apply.interfolio.com/155383*

Carnegie Mellon University

2024-25 INI Teaching Track and Non-Tenure Track Faculty Positions

The *Information Networking Institute (INI) at Carnegie Mellon University (CMU)* is *soliciting applications* for faculty

at all levels for CMU's main campus in Pittsburgh, PA. We are primarily seeking teaching track faculty candidates, however there are opportunities for special track faculty and/or research track faculty jointly with other departments at Carnegie Mellon.

The INI educates and develops engineers through technical, interdisciplinary master's degree programs in information networking, information security, AI and mobile and IoT engineering that incorporate business and policy perspectives. Established in 1989 in response to a demand from industry for professionals skilled in both computer science and engineering, the INI has evolved over the past three decades to become an integral part of Carnegie Mellon's College of Engineering (a top ten engineering school as ranked by U.S. News and World Report). Given the interdisciplinary nature of our programs, INI students have the unprecedented flexibility to take courses across disciplinary boundaries, such as computer science, engineering, public policy, management, machine learning and human-computer interaction, among others.

Carnegie Mellon University

INI Adjunct Instructor 2024-2025

The *Information Networking Institute (INI) at Carnegie Mellon University (CMU)* is *soliciting applications* for adjunct instructor(s) to teach courses within the INI's graduate programs in Pittsburgh, PA.

This position can accommodate teaching in the evening to work with an instructor's full-time, job schedule. Qualified candidates would have previous teaching and/or work experience related to our core technical areas of networking, information security, mobile and IoT engineering, and AI engineering, including but not limited to: mobile computing, embedded systems, Internet of Things technologies, telecommunications, data analytics and artificial intelligence, information security, software security, network security and cyber operations. Outstanding candidates in other areas related to networking, security, mobile and IoT engineering, and AI engineering are encouraged to apply.

To learn more about the INI, our programs and current course offerings please visit the *academics page on our website*. Learn more about working at the INI on our website.

CISPA Helmholtz Center for Information Security

Tenure-Track Faculty in all areas related to Information Security (f/m/d)

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

All applicants are expected to grow a research team that pursues an internationally visible research agenda. To aid you in achieving this, CISPA provides

institutional base funding for three full-time researcher positions and a generous budget for expenditures. Upon successful tenure evaluation, you will hold a position that is equivalent to an endowed full professorship at a top research university. We invite applications of candidates with excellent track records in all areas related to Information Security.

CISPA values diversity and is committed to equality.

We provide special dual-career support.

We explicitly encourage female and diverse researchers to apply

For more information visit: *https://jobs.cispa.saarland/de_DE/jobs/detail/tenure-track-faculty-in-all-areas-related-to-information-security-f-m-d-2024-2025-255*

CISPA Helmholtz Center for Information Security

Tenure-Track Faculty in Artificial Intelligence and Machine Learning (f/m/d)

CISPA is a world-leading research center that focuses on Information Security and Machine Learning at large.

To expand and further strengthen our center, we are looking for **Tenure-Track Faculty in Artificial Intelligence and Machine Learning (f/m/d)**

All applicants are expected to grow a research team that pursues an internationally visible research agenda. To aid you in achieving this, CISPA provides

institutional base funding for three full-time researcher positions and a generous budget for expenditures. Upon successful tenure evaluation, you will hold a position that is equivalent to an endowed full professorship at a top research university. We invite applications of candidates with excellent track records in Artificial Intelligence and Machine Learning.

CISPA values diversity and is committed to equality.

We provide special dual-career support.

We explicitly encourage female and diverse researchers to apply.

For more information visit: *https://jobs.cispa.saarland/de_DE/jobs/detail/tenure-track-faculty-in-artificial-intelligence-and-machine-learning-f-m-d-2024-2025-254*

Colorado School of Mines

Tenure-Track Faculty Positions, Computer Science - AI/ML and Quantum Computing

The Department of Computer Science at the Colorado School of Mines (Mines) invites applications for two tenure-track faculty positions in Computer Science anticipated to begin in August 2025. The search is for faculty hires at the rank of Assistant Professor; however, exceptional candidates at higher ranks may be considered. While all qualified candidates are encouraged to apply, the department is especially interested in candidates with research specialization in one or more of the following broadly defined areas: Machine Learning and AI

(e.g., Machine Learning, Deep Learning, Big Data Computing, Computer Vision, and Bioinformatics), and Quantum Computing (e.g., quantum information theory, quantum machine learning, quantum cryptography, quantum error correction, and quantum algorithms).

For more information and to apply, visit: *https://mines.wd1.myworkdayjobs.com/en-US/Mines_Careers/details/Academic-Faculty--Computer-Science---AI-ML-and-Quantum-Computing_JR105438*

Colorado State University

Assistant Professor in Computer Science, Cybersecurity

The Department of Computer Science at Colorado State University (CSU) invites applications for two (2) tenure-track positions at the level of Assistant Professor beginning in Fall 2025. The successful candidates must demonstrate potential for excellence in research, teaching and service that is consistent with a Carnegie R1 university. A Ph.D. in computer science or closely-related area is required by the start of the appointment. The department is specifically looking for candidates with expertise in Cybersecurity. For the complete posting and to apply, please visit: *https://jobs.colostate.edu/postings/151150*

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

Colorado State University

Assistant Professor in Computer Science, Quantum Algorithms

The Department of Computer Science at Colorado State University (CSU) invites applications for two (2) tenure-track positions at the level of Assistant Professor beginning in Fall 2025. The successful candidates must demonstrate potential for excellence in research, teaching and service that is consistent with a Carnegie R1 university. A Ph.D. in computer science or closely-related area is required by the start of the appointment. The department is specifically looking for candidates with expertise in Quantum Algorithms. For the complete posting and to apply, please visit: *https://jobs.colostate.edu/postings/151035*

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

Columbia University

Lecturer in Discipline or Senior Lecturer in Discipline in Data Science (within the Department of 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 in Data Science beginning in the 2025-26 academic year. Lecturers in Discipline are full-time non-tenure-track faculty members whose primary responsibility is teaching. Join our dynamic team, where you'll work closely

with world-class faculty and contribute to cutting-edge research and education in Data Science. 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, offering excellent opportunities for professional development and career advancement. 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 MS in Data Science program, with a balanced 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 a collaboration between the Data Science Institute and the Departments of Computer Science, Statistics, and Industrial Engineering and Operations Research. Your expertise will directly influence the future of Data Science education, preparing students for high-impact careers in academia and industry.

Experience the vibrant academic and cultural atmosphere of New York City, a global hub for technology and innovation, while benefiting from Columbia's state of-the-art facilities and extensive research resources.

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 evidence of pedagogical excellence in carrying out administrative or other department responsibilities.

Application Instructions

Applications should be submitted electronically at *http://apply.interfolio.com/153593* 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 October 15, 2024. Review of applications will begin on October 7, 2024.

Hiring Salary Range

Lecturer in Discipline: 104K-127K; Senior Lecturer in Discipline: 123K-160K The salary of the finalist selected for this role will be set based on a variety of factors, including but not limited to departmental budgets, qualifications, experience, education, licenses, specialty, and training. The above hiring range represents the University's good faith and reasonable estimate of the range of possible compensation at the time of posting.

Columbia University is an equal opportunity employer/disability/veteran.

Cornell University

Cornell Ann S. Bowers College of Computing and Information Science

Faculty Positions – Computer Science, Cornell Tech

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

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

Cornell Tech is a research and graduate education campus of Cornell University located on Roosevelt Island in New York City. In addition to world-class academic research, a distinguishing characteristic of our work is that it engages deeply with

Cornell Bowers CIS
Information Science

Now HIRING!

TENURE-TRACK AND TENURED FACULTY
Ithaca, NY campus

Application review begins:
November 10, 2024

Questions?
fac_recruit@infosci.cornell.edu

Scan the QR code to apply, or visit
academicjobsonline.org/ajo/jobs/28405

Cornell Bowers CIS
Information Science

Now 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

Application deadline:
November 1, 2024

Questions?
fac_recruit@infosci.cornell.edu

Scan the QR code to apply, or visit
academicjobsonline.org/ajo/jobs/28402

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external communities, organizations, and industry to address real-world problems and contexts that amplify the direct societal and commercial impact of our research.

Applicants must hold the equivalent of a Ph.D. degree. Applicants must have demonstrated an ability to conduct outstanding research, and should have a strong commitment to engagement and impact outside of academia. Successful candidates are expected to pursue an active research program, to teach Masters and Ph.D.-level graduate courses, and to supervise graduate students.

To ensure full consideration, applications should be received by December 1, 2024, but will be accepted until all positions are filled.

Applicants should submit a curriculum vitae and statements of research and teaching interests, identify one or two top publications to which they have made significant contributions, and arrange to have at least three reference letters submitted. In accordance with Cornell Tech's emphasis of external engagement, the candidate should address prior accomplishments and future plans related to the commercial and/or broader public engagement and societal impact dimensions of their research, within a clearly identified subsection of the Research Statement. We ask applicants for all faculty positions to share their experiences and/or approaches (past, current, or future) to fostering learning, research service, and/or outreach in

a diverse community. Applicants may choose to submit a stand-alone statement or embed the information in other parts of their application materials.

The application should be submitted online at: *https://academicjobsonline.org/ajo/jobs/28427*.

Salary Range: $79,400 - $329,600

The salary range reflects an aggregate of qualifications and disciplines across Cornell University. Actual salary offers for Cornell Tech will be based on education, experience, discipline, and relevant skills.

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

Fostering an inclusive environment is a core value of the Computer Science Department, Cornell Tech, and Cornell as a whole. In line with Cornell's historical commitment to educating "*… any person … in any study…*", we seek candidates who will create a climate that helps attract and is inclusive of all students, including students from historically underrepresented groups and students who have overcome personal challenges.

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

Cornell University

Cornell Ann S. Bowers College of Computing and Information Science

Tenured/Tenure-Track Faculty-Computer Science

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

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

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

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

To ensure full consideration, applications should be received by December 1, 2024, but applications will be accepted until all positions are filled.

Fostering an inclusive environment is a core value of the Computer Science Department and Cornell as a whole. In line with Cornell's historical commitment to educating "*… any person … in any study…*", we seek candidates who will create a climate that helps attract and is inclusive of all students, including students from historically underrepresented groups and students who have overcome personal challenges.

Applicants should submit a curriculum vitae and brief statements of research and teaching interests, identify one or two top publications to which they have made significant contributions, and arrange to have at least three reference letters submitted at: *https://academicjobsonline.org/ajo/jobs/28414*. We ask applicants for all faculty positions to share their experiences and/or approaches (past, current, or future) to fostering learning, research service, and/or outreach in a diverse community. Applicants may choose to submit a stand-alone statement or embed the information in other parts of their application materials.

Salary Range: $79,400 – 329,600
The salary range reflects an aggregate of qualifications and disciplines across Cornell University. Actual salary offers in Bowers CIS will be based on education, experience, discipline, and relevant skills.

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

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

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

CUNY: Baruch College

Assistant or Associate Professor of Computer Science

Baruch College (CUNY) invites applications for a tenure-track position in computer science, beginning on or about August 26, 2025. The appointment will be at the assistant or associate professor level.

The college, located in a central part of Manhattan, is often ranked as the country's top college with respect to topics such as social mobility and best value. While highly popular, the computer science major is small due to its high prerequisites. It consists of highly promising students who did not yet have an opportunity to demonstrate their potential.

Baruch professors can become official members of the nearby CUNY Graduate Center, where they advise PhD students, teach graduate level courses, and attend/organize research seminars. As we expand our program, we look for researchers from all parts of Computer Science.

For more information and applying, see *https://www.mathjobs.org/jobs/list/25213*

Dartmouth College

Assistant Professor of Computer Science, Machine Learning/AI

The Computer Science department at Dartmouth College invites applications for a full-time tenure-track position at the rank of Assistant Professor in the broad area of Applied Machine Learning/AI. Core technical contributions could come from multiple areas, including but not limited to: computational health, visual computing, music technology, cybersecurity, neuroscience, Human-Computer Interaction (HCI), Computational Linguistics, and digital arts. Applicants should have a track record of publications in CS/machine learning-related fields.

The Computer Science department is home to 24 tenure-track faculty members and is committed to growing that number by 50% over the next decade. The department is housed in the recently opened *Class of 1982 Engineering and Computer Science Center*. Our curriculum includes strong Ph.D. and M.S. programs and outstanding undergraduate majors. Graduate students and postdoctoral scholars are supported by the *Guarini School for Graduate and Advanced Studies*, including their *diversity and inclusion initiatives*. We are especially interested in applicants who have a demonstrated ability to contribute to Dartmouth's diversity initiatives in STEM research, such as the *Women in Science Program*, *E. E. Just STEM Scholars Program*, *Wright Center for the Study of Computation and Just Communities*, and *Academic Summer Undergraduate Research Experience*.

Dartmouth is committed to academic excellence and encourages the open exchange of ideas within a culture of mutual respect. People with different backgrounds, life experiences, and perspectives make the Dartmouth community diverse, which enhances academic excellence. Applicants should include a statement that addresses how their research, teaching, service, and/or life experiences prepare them to advance Dartmouth's commitment to diversity in service of academic excellence.

Qualifications

Applicants must have a Ph.D. in Computer Science or a closely related field, or be All But Dissertation (ABD) with a degree conferred by the start of the appointment. Effective classroom teaching is essential for this position.

Application Instructions

Please submit all materials electronically via Interfolio. Letters may be addressed to the search committee chair, Professor Andrew Campbell.

1. CV

2. Statement of research experience and plans (up to 5 pages)

3. Statement of teaching experience and plans (up to 5 pages)

4. Statement of how the applicant's research, teaching, service, and/or life experiences prepare them to advance Dartmouth's commitment to diversity in service of academic excellence (up 5 to pages)

5. Four (4) letters of recommendation, at least one of which should comment on teaching

Review of applications will begin on December 1, 2024, and continue until the position is filled.

For questions regarding this position, please contact the search chair, Professor Andrew Campbell: *Andrew.Campbell@Dartmouth.edu*.

For all openings in *Arts and Sciences*, please visit our *Faculty Recruitment* page.

Equal Employment Opportunity Statement

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of sex, race, color, religion, age, disability, status as a veteran, national or ethnic origin, sexual orientation, gender identity, gender expression, or any other category protected by applicable law, in the administration of its educational policies, admission policies, scholarship and loan programs, employment, or other school administered programs. Applications by members of all underrepresented groups are encouraged.

If you are an applicant with a disability and need accommodations to assist in the job application or interview process, please email *ADA@dartmouth.edu*. In the subject line, please state "Application Accommodations" and include the job number or title. Someone from the ADA Compliance Office will be in touch within 2 business days.

For additional employment opportunities at Dartmouth College, please visit the *Dartmouth Interfolio Job Board*, the *Office of the Provost*, and the *Office of Human Resources*.

Offers of employment are contingent upon consent to a pre-employment background check with results acceptable under Dartmouth policy. Please visit the *Office of Human Resources* for details.

All Dartmouth College employees must comply with the College's health and safety guidelines and protocols, including but not limited to those related to COVID-19, such as any testing, masking, or distancing requirements that may be in place at any given time or place.

Dartmouth College

Assistant Professor of Computer Science, Robotics

The Computer Science department at Dartmouth College invites applications for a full-time tenure-track position at the rank of Assistant Professor, in the areas of Robotics. Core technical contributions could come from multiple areas, including but not limited to, cyber-physical systems, embodied artificial intelligence, edge intelligence, reinforcement learning, human-robot interaction, multimodal sensing, and/or sensor fusion. Applicants should have a track record of publications in CS/robotics-related fields.

The Computer Science department is home to 24 tenure-track faculty members and is committed to growing that number by 50% over the next decade. The department is housed in the recently opened *Class of 1982 Engineering and Computer Science Center*. Our curriculum includes strong Ph.D. and M.S. programs and outstanding undergraduate majors. Graduate students and postdoctoral scholars are supported by the *Guarini School for Graduate and Advanced Studies*, including their *diversity and inclusion initiatives*. We are especially interested in applicants who have a

demonstrated ability to contribute to Dartmouth's diversity initiatives in STEM research, such as the *Women in Science Program*, *E. E. Just STEM Scholars Program*, *Wright Center for the Study of Computation and Just Communities*, and *Academic Summer Undergraduate Research Experience*.

Dartmouth is committed to academic excellence and encourages the open exchange of ideas within a culture of mutual respect. People with different backgrounds, life experiences, and perspectives make the Dartmouth community diverse, which enhances academic excellence. Applicants should include a statement that addresses how their research, teaching, service, and/or life experiences prepare them to advance Dartmouth's commitment to diversity in service of academic excellence.

Qualifications

Applicants must have a Ph.D. in Computer Science or a closely related field, or be All But Dissertation (ABD) with a degree conferred by the start of the appointment. Effective classroom teaching is essential for this position.

Application Instructions

Please submit all materials electronically via Interfolio. Letters may be addressed to the search committee chair, Professor Alberto Quattrini Li.

1. CV,

2. Statement of research experience and plans (up to 5 pages);

3. Statement of teaching experience and plans (up to 5 pages);

4. Statement of how the applicant's research, teaching, service, and/or life experiences prepare them to advance Dartmouth's commitment to diversity in service of academic excellence (up 5 to pages);

5. Four (4) letters of recommendation, at least one of which should comment on teaching.

Review of applications will begin on December 1, 2024 and continue until the position is filled.

For questions regarding this position, please contact the search chair, Professor Alberto Quattrini Li: *alberto.quattrini.li@dartmouth.edu*.

For all openings in Arts and Sciences, please visit our *Faculty Recruitment* page.

Equal Employment Opportunity Statement

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of sex, race, color, religion, age, disability, status as a veteran, national or ethnic origin, sexual orientation, gender identity, gender expression, or any other category protected by applicable law, in the administration of its educational policies, admission policies, scholarship and loan programs, employment, or other school administered programs. Applications by members of all underrepresented groups are encouraged.

If you are an applicant with a disability and need accommodations to assist in the job application or interview process, please email *ADA@dartmouth.edu*. In the subject line, please state "Application Accommodations" and include the job number or title. Someone from the ADA Compliance Office will be in touch within 2 business days.

For additional employment opportunities at Dartmouth College, please visit the *Dartmouth Interfolio Job Board*,

the *Office of the Provost*, and the *Office of Human Resources*.

Offers of employment are contingent upon consent to a pre-employment background check with results acceptable under Dartmouth policy. Please visit the *Office of Human Resources* for details.

All Dartmouth College employees must comply with the College's health and safety guidelines and protocols, including but not limited to those related to COVID-19, such as any testing, masking, or distancing requirements that may be in place at any given time or place.

Eastern Michigan University

Tenure-track Assistant Professor

Eastern Michigan University's Department of Computer Science seeks applicants for a tenure-track assistant professor position to begin Fall 2025.

Expectations:

- the ability to teach a variety of Computer Science courses at the undergraduateand graduate levels
- completed PhD by August 2025
- research areas: AI/ML, Software Engineering, Data Science, Theory, Embedded Systems, or any other Computer Science research area.

Apply online: *https://careers.emich.edu/ jobs/assistant-professor-computer-science-ypsilanti-michigan-united-states-072c6865-98e9-4364-aa86-1c90d7563734*

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

Dates: Priority deadline: October 28, 2024, review will continue until the position is filled.

Emory University

Faculty Positions in Computer Science

Emory University Computer Science is advancing research and education at the frontiers of computing and seeks to recruit outstanding colleagues. Emory CS (*http://www.cs.emory.edu*) is vibrant and rapidly growing, with high impact research and educational programs in Artificial Intelligence, Machine Learning, Human Language Technology, Human Computer Interaction, Data Mining and Privacy, and High-end Computing. We are leaders in interdisciplinary scholarship, and in foundational and applied computing. Emory CS prides itself on a family-friendly, supportive, dual-career environment, and engages deeply with industry, alumni, and community. Broadening participation in computing is a key value, and we especially encourage applications from women and members of underserved groups. Emory University is highly ranked for outstanding research and education. It is one of America's Best Employers for Women and Best Employers for Diversity, and fosters a culture of excellence, inclusivity and cooperation. Our campus is an integral part of the energetic Atlanta, Georgia metropolitan area, offering a variety of cultural, social, and recreational opportunities, a mild climate, and unmatched accessibility.

Tenure-Track Positions

Applications are invited from candidates with exceptional research, teaching, and citizenship profiles for beginning or advanced Assistant Professor positions (outstanding candidates may be considered for higher ranks). Applicants must have a PhD in Computer Science or a closely related field. We seek colleagues in any area of Computer Science whose scholarship closely connects to, and complements, Emory CS strengths in: (1) Data Mining and Machine Learning; (2) Natural Language Processing; (3) Biomedical Informatics; (4) Human Computer Interaction; and (5) Theory or Systems. Truly exceptional candidates in other areas are also invited to apply.

Applications comprising a cover letter, CV, research, teaching, and diversity statements, and at least 3 letters of recommendation, are invited via *https://apply.interfolio.com/154326*. Informal inquiries to the department chair are welcome at vss@emory.edu Review begins December 1, 2024. Full consideration will be given to applications received up to 30 days after review begins, until all positions are filled.

Teaching Track Positions

Applications are invited for ongoing/ renewable appointments in the Teaching Track as Assistant, Associate, or Full Teaching Professor. These regular faculty positions carry full benefits and all governance rights and responsibilities (*http://college.emory.edu/faculty/ faculty/promotion-lecture-track.html*) Applicants should have a PhD (or an MS

with substantial industry experience) in Computer Science or a related discipline. Responsibilities include course teaching; advising; curriculum enhancement; and service. Research is not required in the Teaching Track, but all forms of scholarship are strongly encouraged and supported.

Applications comprising a cover letter, CV, teaching statement, and 3 letters of recommendation should be submitted via *https://apply.interfolio.com/154328* Informal inquiries to the department chair are welcome at *vss@emory.edu*. Review begins December 1, 2024. Full consideration will be given to applications received up to at least 30 days after review begins, until all positions are filled.

Emory University is an equal employment opportunity and affirmative action employer. Women, minorities, people with disabilities and veterans are strongly encouraged to apply. Emory University is committed to student and faculty diversity, equity, and inclusion.

Florida Atlantic University

Assistant Professor, Electrical Engineering and Computer Science

The Department of Electrical Engineering and Computer Science at Florida Atlantic University (FAU) invites applications for one of multiple tenure-track assistant professor positions in Computer Science with focal research emphases within software engineering, cybersecurity, human-computer interaction, quantum computing, machine learning, and

embedded systems—though strong candidates in other research areas will also be given full consideration. Candidates with exceptional research portfolios may also be considered at a higher rank.

The department consists of 50 faculty and five staff members, has a student body of over 1,500 undergraduate and 1,400 graduate students, and offers baccalaureate, masters, and doctoral degrees in Computer Science, Computer Engineering, and Electrical Engineering. The department also offers master's degrees in Artificial Intelligence, Data Science and Analytics, and Information Technology and Management. The department's current active funding portfolio is over $15.2M, with support from federal funding agencies such as NSF, NIH, DoD, DoE, and DARPA, as well as industry. The department also appoints fellows in university research pillars, which are focal areas part of specific strategic initiatives at FAU. For more information about the department, visit *eecs.fau.edu*.

The FAU College of Engineering and Computer Science is in the top three fastest progressing engineering colleges in the nation (US News and World Report Rankings 2020-2022). The college offers degrees with a modern twist that bear specializations in areas of national priority such as artificial intelligence, cybersecurity, internet-of-things, transportation and supply chain management, and data science. For more information about the college, please visit *eng.fau.edu*.

Florida Atlantic University, established in 1961, officially opened its doors in 1964 as the fifth public university in Florida. Today, the university serves more than 30,000 undergraduate and graduate students across six campuses located along the southeast Florida coast. In recent years, the university has doubled its research expenditures and outpaced its peers in student achievement rates. FAU is designated as a Hispanic-serving institution, is ranked as a top public university by U.S. News & World Report, and is identified as a High Research Activity institution by the Carnegie Foundation for the Advancement of Teaching. For more information about FAU, visit *www.fau.edu*.

The College of Engineering and Computer Science at Florida Atlantic University seeks scholars who are committed to supporting the learning needs of students from diverse backgrounds and to thoughtfully engaging all communities in higher education. Florida Atlantic University embodies a culture of strategic and collaborative community engagement that results in mutual benefit to the institution and the various internal and external communities that it serves.

The full position advertisement can be found at: *https://fau.wd1.myworkdayjobs. com/en-US/FAU/details/Assistant-Professor--Electrical-Engineering-and-Computer-Science_REQ18952*

Florida State University

Department of Computer Science
Multiple Tenure-Track Assistant Professor
Positions

The Department of Computer Science at the Florida State University invites applications for multiple tenure-track Assistant Professor positions to begin in August 2025. These positions are 9-month, full-time, tenure-track, and benefits eligible. Applicants should hold a Doctoral degree from an accredited institution or the highest degree appropriate in the field of Computer Science or closely related field and have a demonstrated record of scholarly accomplishments.

The department currently has 29 tenure-track and 7 specialized faculty members and offers degrees at the BS, MS, and PhD levels. Our annual research expenditure has been growing substantially in the past several years and was over four million dollars in the 2024 fiscal year. The department is an NSA/DHS Center of Academic Excellence in Cyber Defense Education (CAE/CDE) and Research (CAE-R). FSU is classified among R1: Doctoral Universities – Very high research and a top 20 national public university. Its primary role is to serve as a center for advanced graduate and professional studies while emphasizing research and providing excellence in undergraduate education. Further information can be found at: *https://www.cs.fsu.edu/recruit*.

Data Science and AI (Artificial Intelligence):

The focus areas include Data Science, Data Analytics, Machine Learning, Artificial Intelligence, Senor Systems and Networks, Mobile Computing, Databases, High Performance Computing, and Computer Graphics and Visualization.

Computer Systems & Cybersecurity:

The focus areas include Systems Security, Compiler and Programming Languages, Emerging Processor and Memory Architecture, High-Performance Distributed and Cloud Systems, Quantum Computing, and Full-Stack Co-Designed Systems that support Machine Learning and Artificial Intelligence.

Interdisciplinary Computing:

The focus areas include Human Computer Interactions, Computer Vision, Computational Biology and Bioinformatics, High Performance Computing, Machine Learning and AI for Science and Engineering, and Computer Graphics and Visualization.

Application Process:

Please apply online at *https://jobs.fsu.edu*. Click "Working at FSU" and select "Search Jobs" then search using Job ID 58647 (Data Science and AI), 58648 (Computer Systems & Cybersecurity), or 58650 (Interdisciplinary Computing). Applications must include a

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GEORGIA SOUTHERN UNIVERSITY

Assistant or Associate Professor Information Technology

Georgia Southern University's Department of Information Technology invites applications for tenure-track Assistant or Associate Professor of Information Technology. **See https://apptrkr.com/5714408.** Georgia is an open records state. We provide equal employment opportunities to all employees and applicants for employment without regard to race, color, sex, sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. Individuals needing reasonable accommodations under the ADA to participate in the search should notify HR at 912-478-6947.

GEORGIA SOUTHERN UNIVERSITY

Lecturer Computer Science

Georgia Southern University's Department of Computer Science invites applications for tenure track **Assistant/Associate Professor** and **Lecturer** positions.

See: https://apptrkr.com/5722869

Georgia is an open records state. We provide equal employment opportunities to all employees and applicants for employment without regard to race, color, sex, sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability.

Individuals needing reasonable accommodations under the ADA to participate in the search should notify HR at 912-478-6947.

GEORGIA SOUTHERN UNIVERSITY

Lecturer Computer Science

Georgia Southern University's Department of Computer Science invites applications for tenure track **Assistant/Associate Professor** and **Lecturer** positions.

See: https://apptrkr.com/5722938

Georgia is an open records state. We provide equal employment opportunities to all employees and applicants for employment without regard to race, color, sex, sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability.

Individuals needing reasonable accommodations under the ADA to participate in the search should notify HR at 912-478-6947.

curriculum vitae and statements of teaching and research philosophy. This position requires that you have three confidential professional letters of recommendation submitted on your behalf following the instructions on the application.

Screening will begin December 1, 2024 and will continue until the positions are filled. Questions can be emailed to Prof. Xiuwen Liu, Faculty Search Committee Chair, at *recruitment@cs.fsu.edu*.

FSU is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer. Its statement can be viewed at:

https://hr.fsu.edu/sites/g/files/upcbnu2186/files/PDF/Publications/diversity/EEO_Statement.pdf.

Georgia Tech

Open Rank - School of Computer Science Tenured/Tenure-Track Faculty Positions

About Us

Overview

Georgia Tech prides itself on its technological resources, collaborations, high-quality student body, and its commitment to building an outstanding and diverse community of learning, discovery, and creation. We strongly encourage applicants whose values align with our institutional values, as outlined in our Strategic Plan. These values include academic excellence, diversity of thought and experience, inquiry and innovation, collaboration and community, and ethical behavior and stewardship. Georgia Tech

has policies to promote a healthy work-life balance and is aware that attracting faculty may require meeting the needs of two careers.

About Georgia Tech

Georgia Tech is a top-ranked public research university situated in the heart of Atlanta, a diverse and vibrant city with numerous economic and cultural strengths. The Institute serves more than 45,000 students through top-ranked undergraduate, graduate, and executive programs in engineering, computing, science, business, design, and liberal arts. Georgia Tech's faculty attracted more than $1.4 billion in research awards this past year in fields ranging from biomedical technology to artificial intelligence, energy, sustainability, semiconductors, neuroscience, and national security. Georgia Tech ranks among the nation's top 20 universities for research and development spending and No. 1 among institutions without a medical school.

Georgia Tech's Mission and Values

Georgia Tech's mission is to develop leaders who advance technology and improve the human condition. The Institute has nine key values that are foundational to everything we do:

- Students are our top priority.
- We strive for excellence.
- We thrive on diversity.
- We celebrate collaboration.
- We champion innovation.
- We safeguard freedom of inquiry and expression.

- We nurture the wellbeing of our community.
- We act ethically.
- We are responsible stewards.

Over the next decade, Georgia Tech will become an example of inclusive innovation, a leading technological research university of unmatched scale, relentlessly committed to serving the public good; breaking new ground in addressing the biggest local, national, and global challenges and opportunities of our time; making technology broadly accessible; and developing exceptional, principled leaders from all backgrounds ready to produce novel ideas and create solutions with real human impact.

About the School of Computer Science at the Georgia Institute of Technology

The School of Computer Science, one of five schools in the top-ten ranked College of Computing, focuses on research that makes computing and communication smart, fast, reliable, and secure, with research groups in computer architecture, databases, machine learning, networking, programming languages & compilers, software engineering, systems, and theory. Faculty from our school are leaders in a variety of Georgia Tech initiatives, including the Algorithms and Randomness Center (ARC), the Center for Machine Learning (ML@GT), the Center for Research into Novel Computing Hierarchies (CRNCH), and the Institute for Data Engineering and Science (IDEaS).

Location

Atlanta, GA

Job Summary

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

Responsibilities

As a tenure-track faculty member, a successful candidate will engage in substantive research individually and/or with collaborators in the same or other disciplines. In addition, a successful candidate will be expected to teach one graduate or undergraduate course per semester, in Georgia Tech's Atlanta campus, as well as contribute service to the School and Institute.

Required Qualifications

Applicants must have a Ph.D. in Computer Science, or a related field (including Computer Engineering, Electrical Engineering, Information Science, or Computing) by the start of the appointment.

Preferred Qualifications

Applicants must show evidence of outstanding academic research credentials and stellar potential in their field of study, a sincere commitment to teaching, and an interest and ability to promote a welcoming educational/work environment. We seek faculty candidates committed to student success including but not limited to:

The ability to mentor and assist students interested in pursuing graduate education. The ability to engage in high-impact practices that support deep learning for student success.

Required Documents to Attach

A full application should include a cover letter, curriculum vitae, a statement of research interests, a teaching statement that includes a description of teaching interests as well as an advising/mentoring philosophy, and the contact information of at least three references. We ask that applicants clearly indicate their research area(s) and focus on their cover letters. Applications should be submitted via the Georgia Tech Careers website, and reference letter information should be submitted at Academic Jobs Online, located *https://academicjobsonline.org/ajo/jobs/28540*

Applicants are encouraged to submit their applications as soon as possible. For full consideration, applications should be received by December 1, 2024. but will be considered until all open positions are filled.

Contact Information

Requests for information may be directed to Kelly Rockwell - *krockwell@gatech.edu*

USG Core Values

The University System of Georgia is comprised of our 26 institutions of higher education and learning as well as the System Office. Our USG Statement of Core Values are Integrity, Excellence, Accountability, and Respect. These values serve as the foundation for all that we do as an organization, and each USG community member is responsible for demonstrating and upholding these standards. More details on the USG Statement of Core Values and Code of Conduct are available in USG Board Policy 8.2.18.1.2 and can be found on-line at *https://www.usg.edu/policymanual/section8/C224/#p8.2.18_personnel_conduct.*.

Additionally, USG supports Freedom of Expression as stated in Board Policy 6.5 Freedom of Expression and Academic Freedom found on-line at *https://www.usg.edu/policymanual/section6/C2653*.

Equal Employment Opportunity

The Georgia Institute of Technology (Georgia Tech) is an Equal Employment Opportunity Employer. The University is committed to maintaining a fair and respectful environment for all. To that end, and in accordance with federal and state law, Board of Regents policy, and University policy, Georgia Tech provides equal opportunity to all faculty, staff, students, and all other members of the Georgia Tech community, including applicants for admission and/or employment, contractors, volunteers, and participants in institutional programs, activities, or services. Georgia Tech complies with all applicable laws and regulations governing equal opportunity in the workplace and in educational activities.

Georgia Tech prohibits discrimination, including discriminatory harassment, on

the basis of race, ethnicity, ancestry, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetics, or veteran status in its programs, activities, employment, and admissions. This prohibition applies to faculty, staff, students, and all other members of the Georgia Tech community, including affiliates, invitees, and guests. Further, Georgia Tech prohibits citizenship status, immigration status, and national origin discrimination in hiring, firing, and recruitment, except where such restrictions are required in order to comply with law, regulation, executive order, or Attorney General directive, or where they are required by Federal, State, or local government contract.

More information on these policies can be found here: *https://www.usg.edu/policymanual/section6/c2714* Board of Regents Policy Manual | University System of Georgia (*usg.edu*).

Background Check

The candidate of choice will be required to pass a pre-employment background screening. *http://policylibrary.gatech.edu/employment/pre-employment-screening*.

Indiana University Bloomington

Multiple Tenured and Tenure-Track Faculty Positions in Human Intelligence, Artificial Intelligence and Machine Learning

Indiana University Bloomington invites applications for multiple open-rank, tenured or tenure-track faculty positions

in one or more of the following areas: **artificial intelligence, human intelligence, and machine learning** to begin in Fall 2025 or after. Appointments will be in one or more departments, including *Cognitive Science*, *Computer Science*, *Informatics*, *Intelligent Systems Engineering*, *Mathematics,* and *Psychological and Brain Sciences*.

We encourage applications from scholars who apply interdisciplinary perspectives across these fields to a variety of domains, including cognitive science, computational social sciences, computer vision, education, engineering, healthcare, mathematics, natural language processing, neuroscience, psychology, robotics, virtual reality, and beyond.

Qualifications: Applicants must have a PhD in cognitive science, computer science, engineering, mathematics, neuroscience, psychology, or a related field, and a record of excellence in scholarship, teaching, and professional experience commensurate with taking a leading role in AI/ML at IU Bloomington. We welcome candidates with demonstrated experience in research, teaching, and mentoring in support the university's priorities related to diversity, equity, and inclusion.

For more information and to apply: Applicants should apply at *https://indiana.peopleadmin.com/postings/25788*. Application review begins November 1, 2024, but we welcome submissions after this date. Applications continue to be accepted until all positions are filled. Inquiries addressed to *faculty1@iu.edu*.

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 multiple open rank tenured or tenure-track assistant, associate or full professor positions in computer science. Appointments will begin August 1, 2025 on the Indianapolis campus. Candidates must demonstrate an outstanding scholarly record of research, exhibited by high-impact peer-reviewed publications and a forward-looking, externally funded research agenda as Principal Investigator (PI).

Research expertise in the following areas of computer science will be considered: Fundamentals of Artificial Intelligence and Machine Learning, Robotics, Computer Vision, Cyber security, Cyberphysical Systems, and Quantum Computing. Candidates with experience in applications to biomedical and health sciences are strongly encouraged to apply.

As the state's premier urban research institution, IU Indianapolis is committed to being a welcoming and inclusive campus community. We seek candidates who will pursue the highest standards of academic excellence and whose research, teaching, and community engagement efforts contribute to welcoming, respectful, and inclusive learning and working environments for our students, staff, and faculty.

To ensure full consideration, please submit your application materials by January 2, 2025. However, the positions will remain open until filled.

How to apply: *https://indiana.peopleadmin.com/postings/25734*

Application documents:

- CV
- Letter of application
- Research agenda
- List of references

Questions pertaining to this position can be directed to Lisa Battiato, Assistant to the Dept Chair, lbattia(at)iu.edu

Qualifications

- Ph.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 general computer science courses.
- 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 or potential to secure external funding is required.

INSAIT - Institute for Computer Science, Artificial Intelligence and Technology

Open Tenure-track and Tenured Faculty Positions

The Institute for Computer Science, Artificial Intelligence and Technology (*INSAIT*), created in partnership with

Switzerland's ETH Zurich and EPFL, is seeking candidates for *faculty positions* starting immediately or on a mutually agreed date thereafter.

Founded in 2022, INSAIT's mission is to become a world-class computer science and artificial intelligence research institution. In just two years, INSAIT has already attracted outstanding international faculty, postdocs, and Ph.D. students. The institute has also published at most of the major machine learning, computer vision, and robotics conferences, including CVPR, NeurIPS, ICCV, ECCV, ICML, ICLR, IROS, AISTATS, as well as in areas like programming languages, algorithms, and theory. INSAIT is structured similarly to top U.S. and European research institutions and provides exceptional working conditions, in terms of facilities, computational resources, competitive packages, and salaries.

We welcome excellent faculty applicants in all areas of computer science and artificial intelligence, both tenure-track faculty and tenured researchers. Faculty duties include graduate student supervision and teaching graduate-level courses.

Eligibility requirements:

- A Ph.D. in computer science or closely related fields by the start of the position
- Demonstrated ability to pursue a strong and independent research program

Application materials:

- A curriculum vitae (CV)
- A research statement (up to 5 pages)
- A teaching statement (up to 2 pages)

- The names and email addresses of three or more referees. The referees should be professionally established researchers who know the candidate well, both academically and personally. It is the candidate's responsibility to arrange for reference letters to be sent to *contact@insait.ai*.

Application deadline: Applications received by January 30th, 2025, will be assured full consideration; however, we will continue accepting applications until the positions are filled.

When ready to apply, go to: *https://insait.ai/faculty/*

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

The Institute of Science and Technology Austria (ISTA)

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

The Institute of Science and Technology Austria (ISTA) invites for faculty applications in computer science; candidates from CS systems are

especially encouraged to apply; and in data science with a focus on candidates in statistics and bioinformatics.

Interdisciplinary applications bridging between areas are particularly encouraged to apply.

Assistant professors start with independent group leader positions for six years, progressing to tenured positions after a positive evaluation by international peers.

Tenured positions welcome distinguished scientists with proven leadership in research.

At ISTA, we promote a diverse and inclusive working environment and are committed to the principle of equal employment opportunities for all applicants, free of discrimination. We strongly encourage individuals from underrepresented groups to apply.

ISTA (*www.ista.ac.at*) is an interdisciplinary research institution that combines basic science research with graduate education in theoretical and experimental research in Mathematical and Physical Sciences, Life Sciences, and Information and System Sciences.

Why ISTA

- Impactful research in a vibrant, international, and interdisciplinary research environment.
- Advanced facilities and comprehensive scientific support.
- Attractive salaries and generous resources.
- Guaranteed annual funding, including

support for PhD students and postdocs.

- Graduate school with highly selective admissions.
- Professional development opportunities and employee support services.
- On-campus childcare facilities.
- Inclusive working environment.
- Proximity to Vienna, consistently ranked among the most livable cities worldwide.

Take the next step in your academic career and apply at: *www.ista.ac.at/jobs/faculty/*

The closing date for applications in Data Science is **October 24, 2024.**

The closing date for applications in Computer Science is **November 28, 2024.**

Johns Hopkins University

Tenured/Tenure-Track Faculty Positions

The Johns Hopkins University's Department of Computer Science invites applications for tenure-track faculty positions. We anticipate making multiple offers across all ranks within two tracks: 1) Data Science and AI, and 2) All other areas of Computer Science. We offer an early action application option and support spousal/partner placement.

Early Action. Full consideration will be given to candidates who submit applications by December 1, 2024. However, beginning October 1, 2024, the department may take early action to schedule fall semester interviews and will consider fall offers with typical spring deadlines. We encourage candidates to apply early to take advantage of flexible scheduling

and potentially receive an early offer before they proceed to spring interviews. All applications submitted by December 1, 2024, will receive full consideration.

Our search supports the *large-scale expansion of the Whiting School of Engineering*, which will add 150 new tenure-track professors at all ranks, including 30 Bloomberg Distinguished Professorships and 80 positions that will be part of the new *Data Science and Artificial Intelligence Institute*. The department currently has 38 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.

We offer dual career programs that support spousal/partner placement within the department, university, and the broader Baltimore/Washington area.

Applications must be made online *here*. While candidates who complete their applications by December 1, 2024 will receive full consideration, the department may consider applications submitted after that date. Furthermore, the department may take early action on applications beginning October 1.

Questions may be directed to *fsearch2024@cs.jhu.edu*.

Lehigh University

Open Rank Data Science for Health

The Rossin College of Engineering and Applied Science (RCEAS) at Lehigh University invites applications at all ranks

for a tenure-track or tenured position in Data Science for Health. The start date is July 1, 2025. This search is being conducted jointly by the Department of Industrial and Systems Engineering (ISE) and the Department of Computer Science and Engineering (CSE) and is one of several expected hires in Data Science for Health. Human health is an identified area of strategic importance for Lehigh, as reflected by the recent establishment of a new College of Health (CoH). Candidates must possess a Ph.D. (or equivalent by date of hire) in Computer Science, Industrial Engineering, Statistics, or related areas.

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 nearly 7,000 students and about 550 full-time faculty members. Lehigh University is in Bethlehem, PA, a vibrant and historic area. Over 800K people live in the Lehigh Valley, which is near New York City and Philadelphia.

Junior (tenure-track) applicants should apply at *https://academicjobsonline.org/ajo/jobs/28351* and senior applicants at *https://academicjobsonline.org/ajo/jobs/28353*. Review of applications will begin October 15, 2024, and will continue until the position is filled.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate based on 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 or Associate Professor (HCI)

Baton Rouge pulses with vibrant energy, blending rich cultural heritage with a dynamic, modern spirit. At the heart of this lively city stands Louisiana State University , a flagship institution renowned for its academic excellence and passionate community.

The Division of Computer Science and Engineering within the School of Electrical Engineering and Computer Science at Louisiana State University - Baton Rouge invites applications for multiple tenure-track Assistant or Associate Professor positions starting January or August 2025.

This hiring priority is in Human-Computer Interaction (HCI) and related areas such as but not limited to: Games, AR/VR, Visualization, Interactive graphics, Usable security, Accessibility, Ubiquitous computing, Computer vision.For full details and to apply, visit: *https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/3325-Patrick-F-Taylor-Hall/Assistant-or-Associate-Professor--HCI-_R00098700*

Louisiana State University

Assistant Professor (Software Engineering and Systems)

Baton Rouge pulses with vibrant energy, blending rich cultural heritage with a dynamic, modern spirit. At the heart of this lively city stands Louisiana State University, a flagship institution renowned for its academic excellence and passionate community.

The Division of Computer Science and Engineering within the School of Electrical Engineering and Computer Science at Louisiana State University- Baton Rouge invites applications for multiple tenure-track Assistant or Associate Professor positions starting January or August 2025.

This hiring priority is in Software Engineering (SE) and systems, including but not limited to Release engineering and DevOps, Software verification and validation, Software architecture and design, Program comprehension and analysis, AI-enabled Software Engineering, Software dependability and security, Automated Software Engineering, Software maintenance and evolution, Human aspects of software engineering, Distributed Systems, Virtualization and Cloud Computing, Networking, Operating Systems, Cyber-Physical Systems, Dependable Systems.

For full details and to apply, visit: *https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/3325-Patrick-F-Taylor-Hall/Assistant-Professor--Software-Engineering---Systems-_R00098695*

Marquette University

Two Assistant Professor (Tenure Track) Positions in Computer Science

The Department of Computer Science of Marquette University invites applications for two Assistant Professor (tenure-track) positions to begin in August 2025.

We are particularly interested in candidates with expertise in cybersecurity (including computer and network security, data privacy and cryptography, software and systems security, cyber-physical systems, digital forensics, ethical hacking, and related areas); and also in data science (including data mining, deep learning, big data analytics, artificial intelligence, and related computational fields).

Successful candidates are expected to develop a highly visible, extramurally funded research programs aligned with the Department's strengths and goals, and will teach courses in areas of their specialty as well as across the department's undergraduate and graduate curriculum.

Cybersecurity posting:
https://employment.marquette.edu/postings/22120

Data Science posting:
https://employment.marquette.edu/postings/22095

Massachusetts Institute of Technology

Faculty Positions

The Massachusetts Institute of Technology Department of Electrical Engineering and Computer Science (EECS) in Cambridge, Massachusetts seeks candidates for faculty positions starting July 1, 2025, or on a mutually agreed date thereafter. We welcome outstanding applicants with research and teaching interests in any area of electrical engineering, computer science, and artificial intelligence and decision making. EECS believes that the intellectual, cultural and social diversity of our faculty, staff, and students is vitally important to the distinction and excellence of our academic and research programs. The Department offers supportive mentorship to junior faculty and a strong commitment to an inclusive, welcoming culture. Appointment will be at the assistant or untenured associate professor level. In special cases, a senior faculty appointment may be possible, commensurate with experience. Faculty duties include teaching at the undergraduate and graduate levels, research, and supervision of student research. Candidates should hold a Ph.D. in electrical engineering and computer science or a related field by the start of employment. Employment is contingent upon the completion of a satisfactory background check, including possible verification of any finding of misconduct (or pending investigation) from prior employers.

Candidates must register with the EECS search website at *https://faculty-searches.mit.edu/eecs*, and must submit application materials electronically to this website. Applications must include a cover letter, curriculum vitae, a research statement (2-4 pages) and a teaching statement (1-2 pages). Each application should include the names and addresses of three or more individuals who will provide letters of recommendation. Letter writers should submit their letters directly to MIT, preferably on the website or by mailing to the address below. Complete applications should be received by December 1, 2024. Applications will be considered complete only when both the applicant materials and **at least three letters of recommendation are received.**

It is the responsibility of the candidate to arrange reference letters to be uploaded at *https://faculty-searches.mit.edu/eecs* **by December 1, 2024.**

Send all materials not submitted on the website to:

Professor Asu Ozdaglar
Department Head, Electrical Engineering and Computer Science
Massachusetts Institute of Technology
Room 38-403
77 Massachusetts Avenue
Cambridge, MA 02139

MIT is an equal employment opportunity employer. We value diversity and strongly encourage applications from individuals from all identities and background. All qualified applicants will receive equitable consideration for employment based on their experience and qualifications and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, pregnancy, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin. See MIT s full policy on Nondiscrimination (*https://policies.mit.edu/policies-procedures/90-relations-and-responsibilities-within-mit-community/93-nondiscrimination***). Know your rights.**

Professional Opportunities

Michigan Technological University

Cybersecurity and Computer Science Faculty Positions

The College of Computing at Michigan Technological University invites applications for four tenure track faculty positions in the broad areas of cybersecurity and computer science. Primary consideration will be for applicants at the rank of Assistant Professor, although applicants with the experience and accomplishments commensurate with a higher rank may be considered for an appointment at the rank of Associate Professor or Professor. We encourage applicants in all research areas of computer science, especially those with expertise in cybersecurity, artificial intelligence, software engineering, data science, and systems. Successful candidates will demonstrate a passion for their research, an enthusiasm for undergraduate and graduate education, and a strong commitment to cultivating diverse and inclusive environments. The anticipated start date is August 2025.

Michigan Tech is Michigan's flagship technological university and will be a Carnegie classified R1 institution in 2025. The university provides its graduates with an extremely high return on investment through its academic rigor and focus on experiential learning. Located near the shore of Lake Superior in Michigan's scenic Upper Peninsula, the university provides a high standard of living. The community offers a small-town environment with outstanding four-season recreational opportunities.

Founded in 2019, Michigan Tech's *College of Computing* is Michigan's first and largest computing- focused college. The College is in a phase of rapid growth and investment, including multiple new faculty positions, new academic programs, and planning for a new building. Since 2019, enrollment in the college has grown by two-thirds and research expenditures have tripled. Last year alone, Michigan Tech climbed 26 spots nationally, from 115th to 89th, for computing and information science research expenditures (source: NSF-HERD survey). The College is organized into two departments, the *Department of Computer Science* and the *Department of Applied Computing*, with several programs collaboratively supported by faculty from both departments. It is expected that three of the positions will have primary appointments in Computer Science and one will be in Applied Computing. Joint appointments are possible when appropriate. The successful candidates will also be supported by the university's fastest-growing research institute, the *Institute of Computing and Cybersystems* (ICC).

Applicants must have earned a PhD degree in computer science, cybersecurity, or a closely related discipline at time of employment. Michigan Tech places a strong emphasis on balancing cutting-edge research with effective teaching. Candidates for these positions are expected to demonstrate potential for excellence in independent research, excellence in teaching, the ability to contribute service to their department and profession, and a demonstrated commitment to promote a diverse, equitable, and inclusive environment. Salary is negotiable depending upon qualifications.

Review of applications will begin on **October 15**, and continue until the positions are filled. Applicants should submit a cover letter, a curriculum vitae, brief research and teaching statements, names of at least three references, and identify one or two top publications to which they have made significant contributions. We strongly encourage applicants to address the required and desired qualifications in their cover letter along with an explanation of how they will contribute to the *Vision and Mission of Michigan Tech*. Applications must be submitted online at *http://www.employment.mtu.edu/cw/en-us/job/493690*. For more information, please contact the search committee chair, *Dr. Yu Cai*.

Michigan Tech is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.

Middle Tennessee State University

Tenure track Assistant/Associate Professor

The Department of Computer Science, Middle Tennessee State University (*http://www.mtsu.edu/csc/*) invites applications for one assistant/associate

professor tenure-track position beginning August 1, 2025. Applications for these positions must be submitted at *https://careers.mtsu.edu/en-us/job/498000/computer-science-tenuretrack-faculty*.

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

Applicants are invited from all areas of computer science, but applicants with a background in quantum computing, cyber security, or game design are highly encouraged to apply.

The Department offers a BS with three concentrations: Professional Computer Science (ABET accredited), Business Applications and Cybersecurity Systems, and an MS in Computer Science. The department serves over 600 undergraduate and graduate majors and is closely tied to the Computational and Data Sciences PhD program.

The review will start on November 1, 2024, and continue until the position is filled.

MTSU is a Carnegie Doctoral/R2 institution with over 23,000 students. It is located 35 miles south of Nashville in Murfreesboro, TN. Apply at *https://mtsujobs.mtsu.edu/*. Include a cover letter, curriculum vitae, statement of teaching philosophy, and research statement. If selected for an on-campus interview, letters

of recommendation will be solicited automatically, providing a link for a response. Official transcripts (not issued to the applicant) of all degrees are required prior to the interview. Inquiries to Dr. Medha Sarkar (*Medha.Sarkar@mtsu.edu*), Dept. of Computer Science, MTSU Box 48, 1301 E. Main St., Murfreesboro, TN 37132. Application review begins November 1, 2024, and continues until the position is filled. Call 615-898-5128 for application process questions. EO/AA Employer.

Mississippi State University

Assistant, Associate, or Full Professor

Carnegie Mellon University (CMU) in Qatar invites applications for multiple teaching-track faculty positions in AI, starting in Fall 2025.

The appointments are at the rank of assistant teaching professor, but candidates with substantial teaching experience and significant research impacts may be considered for higher levels.

Candidates must have a Ph.D. in Computer Science or related field, with outstanding academic credentials.

The positions expect strong interest and commitment to teaching, mentoring, and supporting students at the undergraduate level.

They involve teaching fundamental and advanced courses in AI, including Machine Learning, Deep Learning, Natural Language Processing, or Computer Vision.

More information can be found in this link and applications can be submitted

through Interfolio at: *http://apply.interfolio.com/155364*

Missouri University of Science and Technology

Assistant, Associate, Full Professors in Computer Science

Title: Open Rank – Computer Science Tenured/Tenure-Track Faculty Multiple Positions

The Department of Computer Science at the Missouri University of Science and Technology (Missouri S&T) in Rolla, Missouri is seeking applicants for multiple tenured and tenure-track faculty positions, such as Tang Endowed Professor for Cybersecurity, open-rank positions (Tenured Associate or Full Professors) and tenure track assistant professors. Priority will be given to candidates in the Artificial Intelligence, Cybersecurity, and Bioinformatics. Strong candidates in other areas who can contribute to the department's current strength such as: Theory, System, and applications, (e.g., Data Science, Cyber-Human-Physical Systems, High-Performance Computing, Pervasive and Mobile Computing, Software Engineering, and Quantum Computing) will also be considered.

Missouri S&T's Department of Computer Science has a proud 50+ year history of positively impacting society through ground-breaking research and advancing the quality and breadth of its educational mission, granting an ABET-accredited BS, as well as MS and PhD degrees. An active recruitment strategy has resulted in the department

now being one of the largest programs on campus, with over 800 undergraduate students and 150 graduate students.

Qualifications

Candidates are required to hold a PhD in Computer Science or a closely related field.

Application Materials

Interested candidates must apply at: *https://hr.mst.edu/careers/* using reference number 53563 for tenure-track positions and reference number 53566 for open-rank tenured positions and electronically submit their application consisting of 1) cover letter, 2) current curriculum vitae, 3) research statement, 4) teaching statement, 5) diversity statement, and 6) contact information for at least three references for tenure-track positions and four references for tenured faculty positions. The acceptable electronic format is PDF.

Application Deadline

The review of applications will begin November 15th, 2024, and continue until the positions are filled. For more information, please contact the Search Committee Chair, Dr. Sanjay Madria at: *csfacsearch@mst.edu*.

Equal Employment Opportunity

The University of Missouri System is an Equal Opportunity Employer. For more information, visit *https://www.umsystem.edu/ums/hr/eeo* or call Human Resources at 573-341-4241. To request ADA accommodations, please call the Office of Equity & Title IX at 573-341-7734.

NUS — National University of Singapore

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Faculty Positions in Computer Science

The Department of Computer Science at the National University of Singapore (NUS) invites applications for tenure-track and educator-track positions in all areas of computer science. Candidates for Assistant Professor positions on the tenure track should be early in their academic careers and yet demonstrate outstanding research potential, and a strong commitment to teaching. Candidates for senior positions should have an established record of outstanding, recognized research achievements, and thought leadership in his/her chosen area of computer science.

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

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

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

To apply, please submit your application at https://faces.comp.nus.edu.sg/ and follow the submission instructions provided at the site.

To ensure maximal consideration, please ensure that your application (including all reference letters) reaches us by 1 December 2024.

Job requirement:
A PhD degree in Computer Science or related areas

NEC Laboratories America, Inc.

Researcher - Data Science

The Data Science team at **NEC Laboratories America, Inc.,** aims to build novel big data solutions and service platforms that simplify complex systems management, and to develop new information technology that supports innovative applications, from big data analytics to the Internet of Things. Our research is both experimental and theoretical, covering many domains in data science and artificial intelligence such as time series analysis, graph mining, NLP and document understanding, and so on. The goal of our research is to fully understand the dynamics of big data from complex systems and build innovative solutions to help end user managing those systems. We have built a number of analytic engines and system solutions to process and analyze big data and support various applications in detection, prediction and optimization. Our research leads to both award-winning NEC products and publications in top conferences.

Our group is looking for researchers to work in the areas of artificial intelligence, machine learning or data mining. The ideal candidates must have expertise in one of the above areas and can develop algorithms to analyze massive data and build innovative applications.

Requirements

PhD in CS/CE with a strong publication record in at least one of the following areas:

- Artificial intelligence, machine learning, and deep neural networks
- Time series analysis and prediction
- LLM and foundation models
- Graph and information network mining
- Large scale optimization and learning
- Signal processing, image processing and computer vision

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

For more information about NEC Labs, visit our website *www.nec-labs.com,* and submit your CV and research statement through our career center at *https://www.appone. com/MainInfoReq.asp?R_ID=6466190*.

Equal Opportunity Employer

New Mexico State University

College Assistant Professor

The Department of Computer Science at New Mexico State University invites applicants for a college professor position to be filled at the College Assistant Professor level beginning in Fall 2025. This position will support the teaching and advising needs of the department; there is no research component. This position is expected to teach computer science courses in all levels such as Freshman, Sophomore, Junior, and Senior level courses. Individuals interested in contributing to a diverse academic community are particularly encouraged. Candidates with excellent communication skills and a sustained demonstrated excellence in teaching at the college level are preferred. For a more comprehensive description and to apply, please visit: *http://careers.nmsu.edu/cw/en-us/ job/501312*. NMSU is an equal opportunity and affirmative action employer. Women, minorities, people with disabilities and veterans are strongly encouraged to apply.

New York University

Faculty Positions in Social Psychology, Department of Psychology
Faculty Positions in Social Psychology Department of Psychology
New York University Faculty of Arts and Science

The Department of Psychology in the Faculty of Arts and Science at New York University invites applications for two open-rank faculty positions in Social Psychology. Applications for positions at the Assistant, Associate, or Full Professor levels are welcome.

http://apply.interfolio.com/154805

We seek candidates that will broaden and/or deepen our faculty's expertise and welcome applications from all subareas of Social Psychology— including, but not limited to, attitudes and social cognition, intergroup relations and group processes, interpersonal and close relationships, emotion, motivation, self and identity, social justice, political psychology, and social neuroscience. Successful candidates will have a record of rigorous, innovative, and impactful research, as well as a commitment to teaching and mentoring at the graduate and undergraduate levels. We are especially interested in scholarship that takes novel computational, quantitative, or other methodological approaches and candidates positioned to teach graduate seminars on these topics.

Appointments are expected to begin September 1, 2025, pending budgetary and administrative approval.

For more information about the NYU Department of Psychology, please visit the department website (*https://psych.nyu. edu*). For questions about the searches, please contact Professors Eric Knowles (*edk202@nyu.edu*) or Emily Balcetis (*emilybalcetis@nyu.edu*).

Pay Transparency

In compliance with NYC's Pay Transparency Act, the annual base salary

range for this position is **$89,000 to $129,000 at the rank of Assistant Professor; $105,000 to $165,000 at the rank of Associate Professor; and $135,000 to $225,000 at the rank of Full Professor.** 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.

Review of applications will begin October 1, 2024. The electronic application should include a curriculum vitae, research statement (no more than three pages), teaching statement, a diversity statement, and three representative publications. Please also include a cover letter that identifies your job market paper—that is, the paper that best represents your program of research. Candidates for Assistant Professor positions should provide three letters of recommendation. Candidates for Associate or Full may provide contact information for potential references in their cover letter.

Research statement: The statement should identify the applicant's main research activities to date and should summarize the applicant's plans for research activities over the next 5 years (i.e., What questions does the applicant want to tackle? What experimental approach(es) will the applicant use to address these questions?).

Teaching statement: The statement should include a summary of the applicant's pedagogical style, in terms of both classroom instruction and mentoring of graduate and undergraduate students. The applicant should mention the types of courses they would be interested in teaching.

Diversity statement: Diversity and inclusion are important parts of the NYU mission. Statements addressing diversity and inclusion should describe how the applicant's scholarship, teaching and mentoring, and/or service and engagement demonstrate commitment to diversity, equity, and inclusion. We are particularly interested in hearing about (1) concrete steps the applicant has taken (or are planning to take) to foster an inclusive intellectual environment in the research lab, in the classroom, in the department and on campus, and/or in the field more generally, and (2) how these steps connect with broader views on the topics of diversity, equity, and inclusion.

The Faculty of Arts and Science at NYU is at the heart of a leading research university that spans the globe. We seek scholars of the highest caliber, who embody the diversity of the United States as well as the global society in which we live. Because broad diversity is essential for creating an inclusive climate, we are committed to the fair treatment of and equal access to opportunity and advancement for all, and will assess the many qualifications of all applicants. We strongly encourage applications from women, racial and ethnic minorities, and other individuals who are under-represented in the profession, across color, creed, race, ethnic and national origin, physical ability, gender and sexual identity, or any other legally protected basis. NYU affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach. To learn more about the FAS commitment to diversity, equality and inclusion, please read here: *https://as.nyu.edu/departments/facultydiversity.html*.

Employment Opportunity Statement

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

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*

New York University Arts and Science

Faculty Position in Brain and Behavior, Department of Psychology and Center for Neural Science

The Department of Psychology and Center for Neural Science in the Faculty of Arts and Science at New York University invites applications for a j**oint, tenure-track assistant professor position to study the neural basis of cognition.** The appointment is expected to begin September 1, 2025, pending budgetary and administrative approval. We seek applicants with an outstanding record of research in human systems neuroscience. Examples of research areas include, but are not limited to, attention, perception, decision making, memory, and executive function.

Pay Transparecy

In compliance with NYC's Pay Transparency Act, the annual base salary range for this position is $90,000-$130,000.. 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.

Application Instructions

To apply, please follow the Interfolio link *https://apply.interfolio.com/153500*.

For more information about the academic environment, please visit each department's website *http://as.nyu.edu/psychology.html*; *https://as.nyu.edu/cns.html*).For questions or additional information, please contact Professor Clayton Curtis at *clayton.curtis@nyu.edu*.

Review of applications will begin October 15, 2024. The electronic application should include a CV, statements of research (no more than three pages) and teaching interests (no more than two pages), copies of at least three representative publications, and contact information for at least three references.

In addition, diversity, inclusion, and belonging, are important parts of the NYU mission. Therefore, applicants should also include a statement describing how your (1) scholarship, (2) teaching and mentoring, and/or (3) service and engagement demonstrate your commitment to diversity, equity, and inclusion. We are particularly interested in hearing about (1) concrete steps you have taken (or are planning to take) to foster an inclusive intellectual environment in your research lab, in the classroom, in the department and on campus, and/or in your field more generally, and (2) how these steps connect with your broader views on the topics of diversity, equity, and inclusion.

The Faculty of Arts and Science at NYU is at the heart of a leading research university that spans the globe. We seek scholars of the highest caliber, who embody the diversity of the United States as well as the global society in which we live. Because broad diversity is essential for creating an inclusive climate, we are committed to the fair treatment of and equal access to opportunity and advancement for all, and will assess the many qualifications of all applicants. We strongly encourage applications from women, racial and ethnic minorities, and other individuals who are under-represented in the profession, across color, creed, race, ethnic and national origin, physical ability, gender and sexual identity, or any other legally protected basis. NYU affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach. To learn more about the FAS commitment to diversity, equality and inclusion, please read here: *http://as.nyu.edu/facultydiversity.html*. EOE/Affirmative Action/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity.

Employment Opportunity Statement

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

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

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Computing Research Association

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*

Norfolk State University

Assistant Professor of Computer Science

The Department of Computer Science at Norfolk State University (NSU) seeks applicants for the position of Tenure-Track Assistant Professor-Computer Science (CS) to begin in Fall 2025. The Bachelor of Science degree in Computer Science at Norfolk State University is accredited by the Computing Accreditation Commission of ABET, *https://www.abet.org*, under the General Criteria and the Computer Science Program Criteria. The university is recognized by NSA/DHS as a National Center of Academic Excellence in Cyber Defense. Successful candidates will be able to teach a wide variety of undergraduate courses in CS and software engineering (see course list here), and to develop and teach graduate courses in their area(s) of expertise. The Computer Science Department expects faculty to balance excellent teaching with active scholarship. A review of applications will begin November 30, 2024 and continue until the position is filled.

Visit *https://www.nsu.edu/cs* for additional information.

Minimum Qualifications

1. A doctoral degree in Computer Science with an emphasis in software engineering.

2. Industry experience or a demonstrated record of research through publications and/or grants in the software engineering or computer science disciplines.

To Apply

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

Northwestern University

Assistant Professor of Instruction in Statistics and Data Science

The Department of Statistics and Data Science at Northwestern University invites applications for a full-time teaching-track position at the rank of Assistant Professor of Instruction. A PhD in statistics, computer science, or a related field is required. Candidates should have a strong record of teaching experience in statistics or data science.

The primary responsibilities of this position include teaching six quarter-long courses per year, advising undergraduate students, and participating in departmental service. The appointment will begin on September 1, 2025. Review of applications will start on November 1, 2024, and continue until the position is filled.

To apply, applicants should submit the following materials through the

application link at *https://statistics.northwestern.edu/about/faculty-search-.html*: 1) a cover letter; 2 a CV; 3) a teaching statement; 4) a research statement; 5) graduate transcript, and 6) contact information for three references.

Questions regarding the position may be directed to Kisa Kowal at *k-kowal@northwestern.edu*

Salary

The expected base pay range for this position is $85,000 - $95,000

This base pay range is for a nine-month academic appointment, does not include summer salary, and is subject to negotiation.

Northwestern 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.

Benefits

At Northwestern, we are proud to provide meaningful, competitive, high-quality health care plans, retirement benefits, tuition discounts and more! Visit us at *https://www.northwestern.edu/hr/benefits/index.html* to learn more.

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

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

Pace University

Seidenberg School of Computer Science and Information Systems

Assistant Professor - Computer Science Department

The Seidenberg School of Computer Science and Information Systems at Pace University on the New York City campus invites applications for a full-time tenure-track faculty position at the rank of Assistant Professor, with expertise in Operating Systems, Networks, and/or Databases. Strong candidates from other areas will be considered, too.

Job RequirementThe Computer Science Department is committed to increasing the diversity of the campus community. Candidates who have experience working with a diverse range of faculty, staff, and students, and who can contribute to the

climate of inclusivity are encouraged to identify their experiences in these areas.

The candidate must demonstrate evidence of outstanding teaching, scholarly accomplishment, service, and funding activity. The candidate is expected to lead high-quality instructional and scholarly research activities, play a major role in the development and assessment of academic programs and students' advisement, and establish and maintain professional relationships. The successful candidate will have strong communication skills.

Candidates must possess a Ph.D. in Computer Science or a related area. Doctoral candidates are welcome to apply if the degree is expected to be conferred by August 2025.

Salary is competitive and commensurate with qualifications.

For more information about the Seidenberg School of Computer Science and Information Systems, please go to *http://www.pace.edu/seidenberg/*

Application Requirements

Applications should include the following:

- Cover letter
- Research statement highlighting past accomplishments and future plans
- Teaching and mentoring statement describing philosophy, experiences, and interests
- Diversity statement describing experience and plans to promote diversity, equity, and inclusion

- Contact information for three references

Click Here to Apply:

https://secure6.saashr.com/ta/6000630.careers?ShowJob=587614243

Park University

Computer Science Faculty Positions

Park University in the Kansas City Metropolitan Area has two Computer Science openings:

Tenure Track Assistant Professor.
https://www.park.edu/careers/full-time-faculty-and-staff/?gnk=job&gni=8a78879e91e3138f0192006bc85f5133&gns=Computer+Research+Association

Non-Tenure Track Assistant Teaching Professor.
https://www.park.edu/careers/full-time-faculty-and-staff/?gnk=job&gni=8a78879e91e3138f01920083cf765b00&gns=Computer+Research+Association

Salary and rank are negotiable depending on credentials. For complete job announcement and application procedures, use one of the links above or go to *https://www.park.edu/careers/full-time-faculty-and-staff/* . All areas of Computer Science specialization will be considered, but we are especially interested in applicants with experience or specialization in Cybersecurity or Artificial Intelligence. Wonderful location and great career support. Equal Opportunity Employer.

Instructor of Assistant Teaching Professor of Engineering

Penn State Beaver is seeking an instructor or assistant teaching professor of engineering to

- teach 12 credits of lower division courses in introductory and intermediate computer programming (i.e., C, Python), digital systems and their design, electrical circuits, data science, and engineering computational tools (i.e., MATLAB)
- participate in course, curriculum, and program development
- advise students and provide career guidance; participate in campus, college, university, and community service activities
- engage in activities to stay current in the discipline
- deliver courses in various modes including face-to-face, remote, and online depending on student need

Qualifications:
- master's degree or Ph.D. in electrical engineering, computer engineering or computer science
- working knowledge of a circuit simulation software, (e.g. MultiSim, PSPICE) and a hardware description language (e.g. Verilong, VHDL)

Successful experience in and a commitment to active and collaborative learning and the instructional use of technology preferred. Prior college-level teaching in a variety of delivery modes experience preferred. Enthusiasm for working in a multidisciplinary environment is important.

Ability to support diverse student body and campus community, including appreciation and respect of differences in race and ethnicity, gender and sexual orientation, religious affiliation, age and life experience, nationality and language, and in physical capabilities. We actively look for faculty with a commitment to supporting diversity in their various roles. Commitment to high-quality instruction in a student-centered environment is desired.

See http://beaver.psu.edu/ for further information on The Pennsylvania State University and the Beaver campus.

Applicants are required to apply online and upload:
- cover letter
- curriculum vitae
- recent teaching evaluations
- list of references

Closing Date: Application review begins immediately and continues until a suitable candidate is found.
Starting date: January 1, 2025, or as negotiated.

This is a fixed-term, 1- year (36 weeks) renewable position. The hire must be regularly on campus to meet students' needs face-to-face and engage in the campus face-to-face..

Inquiries about the job should be addressed to Professor Mari Pierce, Director of Academic Affairs, Penn State Beaver. E-mail: **mbp16@psu.edu**

Apply online at https://apptrkr.com/5645730

CAMPUS SECURITY CRIME STATISTICS: For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to http://www.police.psu.edu/clery/, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

Princeton University

Lecturer of Computer Science

The Department of Computer Science seeks applications from exceptional individuals who share our strong commitment to undergraduate education, to join our department in a full-time, teaching career-track position at the rank of Lecturer. Initial appointments will be for one year and are renewable, pending satisfactory performance and the teaching needs of the department.

The department is world renowned for its unique combination of excellent scholarship and exemplary undergraduate education. Computer Science is the largest major at Princeton, and opportunities abound to engage with our outstanding students at many levels. Our lecturers are supported in contributing broadly to our department's mission, including various rewarding opportunities

such as teaching introductory and upper-level courses, advising undergraduate and Master's-level research, developing curricular materials, leading or participating in outreach programs and developing EdTech software.

Candidates in all core computer science areas are encouraged to apply. The department is committed to fostering a diverse and inclusive academic community.

An advanced degree in computer science or a related field is required. We welcome applications from candidates with prior experience in industry, government, or research and development institutions.

Applications must include a cover letter, curriculum vitae, teaching statement (including strategies, techniques, and experience), research statement, material relevant to evaluating the applicant's teaching abilities and research accomplishments, and contact information for at least three references. To be considered, please apply online at *https://www.princeton.edu/acad-positions/position/36122*. Providing supplementary materials, such as links to course websites, videos of instructional sessions, etc., is encouraged.

Review of applications will begin on October 15, 2024 for a September 1, 2025 start date.

This position is subject to the University's background check policy. The work location for this position is in-person on campus at Princeton University.

Further information about the Computer Science Department at Princeton can be found at: *https://cs.princeton.edu*

Princeton University is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Purdue University

Clinical Assistant Professor of Management in MIS

The Mitch Daniels School of Business embraces the idea that business needs technology to change the world. Our faculty, in turn, develop 21st century business leaders by facilitating the harnessing of communication skills, hands-on learning, and technological excellence to turn new discoveries into societal change. The Management Information Systems Area in the Daniels School of Business spearheads the education of tomorrow's business leaders in the digital transformation that is revolutionizing 21st century business.

We are seeking to fill a Clinical Track faculty position, starting in Fall 2025. This full-time, non-tenure track clinical faculty position will be at the Clinical Assistant rank. A Ph.D. in information systems, computer science, economics, or related discipline is strongly preferred; however, a candidate with a master's degree with

industry experience at the management level will be considered.

Teaching is a primary duty of the position and needs exist in the following areas (not an exhaustive list):

- Digital Transformation
- Emerging Technologies (e.g., LLM, Blockchain) and Business Models
- Business Applications of AI
- Development Operations (DevOps) and Technology Solutions
- Machine Learning Operations (MLOps)
- Data Engineering
- Agile Development
- Database
- Python Programming
- Experiential, project-based capstone courses

Another expected duty is service which can be in the form of committee assignment/participation, administrative support of area, department, School, and/or University operations, leadership activity, etc.

Minimum Qualifications

Education

- A Ph.D. in information systems, computer science, economics, or a related discipline. A candidate with a master's degree in information systems, computer science, economics, or a related discipline with 5+ years of industry experience at the management level will be considered. Degree must be completed prior to the first day of the Purdue University Fall 2025 semester.

Experience

The ideal candidate for this position will have strong, documented experience teaching, instructing or mentoring undergraduate and/or graduate students.

Application Process and Deadlines
To apply, please visit: *https://careers.purdue.edu/job/Clinical-Assistant-Professor-of-Management-in-MIS/33773-en_US/*

For full consideration, candidates should upload:

1. Brief cover letter highlighting specific strengths relative to the position and areas of opportunity identified above.

2. Curriculum Vitae.

3. Evidence of teaching effectiveness (e.g., course evaluations, teaching awards, etc.).

4. Statement of teaching philosophy.

5. List of recently taught courses, if applicable.

6. Full contact information for 3 references uploaded here *https://webapps.krannert.purdue.edu/KARS/Apply/pKPgSXaCL4*

Review of applications will begin on October 28, 2024 and the position will remain open until filled.

A background check will be required for employment for this position.

Questions should be directed to Dr. Roy Dejoie (*rdejoie@purdue.edu*). The position will remain open until filled.

Purdue University

Tenure Track Assistant Professor(s), or Associate Professor(s) Without Tenure

Purdue University has launched a new major initiative, Purdue 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, the Elmore Family School of Electrical and Computer Engineering at Purdue University invites applications for tenure track assistant professor(s), or associate professor(s) without tenure. Purdue University seeks to attract exceptional candidates with interests and expertise in Next Generation Computing Systems, Embedded Systems, IoT, Wearable/Implantable Systems, any areas of Computer Architecture, or Integrated Circuits and Systems. Strong candidates in related areas of computing will also be considered. Successful candidates must hold a Ph.D. degree in Electrical Engineering, Computer Engineering, Computer Science or a related discipline by the employment start date and demonstrate potential to build an independent research program, as well as potential to educate and mentor students. The successful candidate will conduct original research, advise graduate students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels. Purdue's Department of

Computer Science is also hiring broadly in support of Purdue Computes.

The Elmore Family School of Electrical and Computer Engineering is the largest academic unit at Purdue University and one of the largest in the nation with more than 120 faculty members (6 NAE members, more than 40 Fellows in multiple societies,) 2,000 undergraduate students (sophomores-seniors) and 1,400 graduate students. ECE is home to the NSF Network for Computational Nanotechnology (NSF NCN, nanoHUB), the SRC/DARPA Center for Brain Inspired Computing Enabling (C-BRIC), and the Center for Innovation in Control, Optimization, and Networks (ICON). ECE faculty lead the Birck Nanotechnology Center and various research areas under two NSF Engineering Research Centers (ERCs). ECE's undergraduate programs in Electrical Engineering and Computer Engineering are ranked 8th and 7th, respectively. Its graduate programs are ranked 7th and 8th, respectively. And its online MS in ECE is ranked 3rd in the nation.

Faculty in ECE collaborate closely with industry, and the talent at Purdue ECE has been a major factor in attracting industry to the local area including many tech-focused companies, and companies such as Saab Global Defense and Security Company, Rolls-Royce, and GE Aviation. SK Hynix recently announced plans to build a ~$ 4 billion facility for advanced packaging fabrication and research & development in West Lafayette.

The School is an integral part of Purdue's College of Engineering. Purdue Engineering is one of the largest and top-ranked

engineering colleges in the nation and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and persistent pursuit of pre-eminence. According to the latest US News and World Report's disciplinary graduate program rankings, Purdue Engineering has 3 disciplines ranked in the top 5 in the country and 10 in the top 10. Purdue Engineering as a whole is ranked 3rd for online graduate engineering programs, 6th for graduate programs. For three years running, Purdue is ranked by the USPTO as No.2 University campus in the US in terms of annual number of US patents issued, and nearly 70% of those patents come from Purdue Engineering. The College Vision for 2030 is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

To apply, please submit application to this site *https://careers.purdue.edu/ job/AssistantAssociate-Professor-of-Computer-Engineering/33696-en_US/* including (1) cover letter, (2) a complete curriculum vitae, (3) teaching plan, (4) research plan, and (5) names and contact information for at least 4 references. The search committee may contact references to request letters. For information/ questions regarding applications contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@ purdue.edu. Review of applications will begin on 11/11/2024 and will continue until the position is filled. A background check is required for employment in this position.

Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Rochester Institute of Technology

Assistant Professor of Computational Linguistics

The Department of Psychology and Department of Modern Languages and Cultures at the Rochester Institute of Technology jointly invite applications for a full-time, 9-month tenure-track Assistant Professor of Computational Linguistics, beginning in August 2025. Candidates are expected to have an earned doctoral degree (in hand by August 2025) in Linguistics, Computational Linguistics, or a related field.

Successful candidates should demonstrate computational expertise, strong research talent, and initiative in grant writing. Candidates should also have a plan for excellence in teaching and student mentoring at the undergraduate and graduate levels. Applicants must be able to teach our courses in language technology, natural language processing, and/or speech processing. In addition, applicants should be able to teach foundational linguistics from a cross-linguistic perspective, as well as courses in one or more linguistics or cognitive science subfields. Proficiency in a language other than English is preferred, and we welcome research or teaching experience involving language learning. The position requires a strong commitment to teaching and mentoring, active research

and publication, and a strong potential to attract external funding. Research and teaching are priorities for faculty at RIT, and all faculty are expected to mentor students through advising, research, and in-class experiences.

The computational linguistics-related programs at RIT serve a rapidly expanding student population at a technical university. We are particularly looking for a faculty colleague who can also contribute to the interdisciplinary Ph.D. program in Cognitive Science and the M.S. in Artificial Intelligence.

Apply online at *http://careers.rit.edu/ faculty*; search openings, then Keyword Search 9260BR.

Contact: Cecilia Alm, Ph.D. and Zhong Chen, Ph.D., at: *cecilia.o.alm@rit.edu* and *z.chen@rit.edu*.

Review of applications will begin November 15, 2024 and will continue until an acceptable candidate is found.

RIT does not discriminate. RIT promotes and values diversity, pluralism and inclusion in the work place. RIT provides equal opportunity to all qualified individuals and does not discriminate on the basis of race, color, creed, age, marital status, sex, gender, religion, sexual orientations, gender identity, gender expression, national origin, veteran status or disability in its hiring, admissions, educational programs and activities.

Professional Opportunities

Santa Clara University

Tenure-Track Assistant Professor of Computer Science and Engineering

Purpose:

The Department of Computer Science & Engineering at Santa Clara University invites applications for three tenure-track Assistant Professor positions 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 5,900 undergraduate and 3,000 graduate students. The Department (*https://www.scu.edu/engineering/academic-programs/department-of-computer-engineering/*) offers B.S., M.S. and Ph.D. degrees, with 30 full-time faculty, and a strong pool of approximately 20 part-time adjunct faculty who instruct about 500 undergraduate majors, and about 400 part-time and full-time graduate (M.S. and Ph.D.) majors. The School of Engineering maintains strong ties to local industry.

SCU and the computer science and engineering profession are committed to justice, equity, diversity, and inclusion; we seek candidates whose research, teaching, and/or service have prepared them to help fulfill these commitments. All SCU faculty engage in teaching, research and service. The ideal candidate will express enthusiasm for teaching lower and upper division undergraduate and graduate courses in areas of specialization, fulfilling all responsibilities related to those courses, and for engaging students from diverse backgrounds in learning. The candidate will demonstrate a passion for developing an active research program appropriate to Santa Clara University's mission that leads to high-quality research publications, research funding applications, and engaging students as participants. Successful candidates will be expected to develop their own scholarly research, mentoring undergraduate and graduate students.

We welcome candidates ready to contribute to our mission to educate citizens and leaders of competence, conscience, and compassion and cultivate knowledge and faith to build a more humane, just, and sustainable world. We especially encourage applicants whose goals and professional or life experiences enrich the department and school community and who can serve as a role model to a diverse student population.

Salary:

$113,443-125,976 based on experience, education, and expertise.

Basic Qualifications:

Applicants must hold a doctorate (PhD or ABD, all but dissertation, required by appointment start date) 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: 09/01/2025

Close Date: Review of applications will begin on December 15, 2024

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_R5082*

Complete application packets received by December 15, 2024 will receive full consideration. However, the position will remain open until filled.

COVID-19 Statement

The health and safety of the University community is a top priority. The University strongly recommends that all employees are fully vaccinated for COVID-19 as the vaccination and boosters are safe, effective tools that significantly minimize the chances of serious illness and hospitalization. Please contact Human Resources if you have any questions.

Telecommute

Santa Clara University is registered to do business in the following states: California, Nevada, Oregon, Washington, Arizona, and Illinois. Employees approved to telecommute are required to perform their work within one of these states.

Work Authorization:

A foreign national who is appointed to a tenured or tenure-track faculty position is eligible for visa sponsorship assessment by Santa Clara University together with its legal counsel.

EEO Statement

Equal Opportunity/Notice of Nondiscrimination

Santa Clara University is an equal opportunity/equal access/affirmative 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. Information about Title IX can be found at *www.scu.edu/ title-ix*. Information about Section 504 and the ADA Coordinator can be found at *https://www. scu.edu/oae/*, (408) 554-4109, *oae@scu.edu*. 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*.

Southern Illinois University Carbondale

Assistant Professor – Four Positions

School of Computing at SIUC is accepting applications for four Tenure-Track Assistant Professor positions for the 2025-2026 academic year, beginning August 13, 2025. Two vacancies are in Computer Science and two vacancies are in Cyber Security Technology and Information Technology. The application deadline is Dec 1, 2024.

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.

To read the full job announcements and apply, please see:

CS: Assistant Professor - AI and Cyber Security - 2 Vacancies *https://www.schooljobs.com/careers/siu/jobs/4675194/assistant-professor-ai-and-cyber-security-2-vacancies* ITEC: Assistant Professor - Cyber Security Technology - 2 Vacancies *https://www.schooljobs.com/careers/siu/jobs/4674886/assistant-professor-cyber-security-technology-2-vacancies*

Southern Methodist University

Electrical and Computer Engineering - Open Rank Faculty Position

The Lyle School of Engineering at SMU is actively seeking applications for a tenure-track faculty position at the Assistant Professor level focused on data science within the Department of Electrical and Computer Engineering. Outstanding candidates may also be considered at the Associate Professor level.

The technical areas of primary interest for this position focus on machine learning, signal processing, neuromorphic computing, and computer engineering for health-related applications. Exceptional candidates in these areas will be prioritized, along with those from related fields in Electrical and Computer Engineering. This position is part of the SMU Data Science cluster hire with twelve positions across Data Core, Health Analytics, and Technology and Education. This collaborative initiative addresses significant global challenges. The role is within the Health Analytics group, spanning multiple departments at SMU: Biological Sciences, Psychology, Applied Physiology and Sports Management. Collaboration with fellow faculty to leverage data for tackling health challenges is expected.

More information about the department is available at *https://www.smu.edu/Lyle/Academics/Departments/ECE*.

All applications should be submitted through Interfolio. For more details see:

https://apply.interfolio.com/150905

St. Mary's College of Maryland

Open Rank Faculty Position in Computer Science

St. Mary's College of Maryland invites applications for an Open Rank Faculty position in Computer Science, beginning August 2025. We seek candidates who have a belief in a liberal arts tradition; can bring enthusiasm and skills to help us reimagine computer science in the liberal arts as our program begins a new chapter in its history; provide leadership to an emerging interdisciplinary data science program; and are interested in developing an active research program that involves undergraduates. Applications are being accepted online at: *apply.interfolio.com/156334*. Salary range is $120k to $125k, depending on qualifications and experience.

Stony Brook University

Inaugural Director of the AI Innovation Institute and Simons Infinity Professor

Stony Brook University is conducting an international search to identify the inaugural director of its new, University-wide AI Innovation Institute, or AI3. In their capacity as leader of the Institute, the Director will report to the Provost and will hold the inaugural Simons Infinity Professorship, with their faculty appointment(s) in the academic department(s) appropriate to their work. The Director should remain active in research while focusing the greater part of their vision and effort on building and advancing the Institute. For more information, please see *here*.

Assistant/Associate Professor - Multiple Faculty Openings in EECS Department

Job #: 078003

Location: Syracuse, NY

Pay Range: Asst $105,000-$116,600 / Assoc $116,000- $160,000

Hours: Determined by Department Chair.

Job Type: Full-time

Job Description:

Syracuse University's Department of Electrical Engineering and Computer Science (http://eecs.syr.edu/) invites applications primarily for **Assistant Professor** in the tenure-track. However, exceptional candidates at all ranks will be considered. Candidates with a demonstrable commitment toward building a diverse and equitable scholarly community are particularly encouraged to apply.

Expertise areas of particular interest include, but are not limited to, Artificial Intelligence and Machine Learning, Quantum Computing and Information (both theory and experimentation), Semiconductors and Semiconductor Adjacent Devices (i.e., CMOS+X), Advanced Packaging, Communications, Embedded Systems, Robotics, Operations Research, and Computing Systems.

To support the once-in-a-generation Federal Government investment in Chips and Science and the announced Micron Technologies plan to build the western-hemisphere's largest memory manufacturing plan within 15 miles of our campus, Syracuse University is currently underway in a five-year plan to transform our STEM education and research activities. This work includes a significant investment into the EECS Department in areas including chips and semiconductor manufacturing, quantum information science and engineering, and artificial intelligence.

Qualifications:

Candidates should have an earned Ph.D. in electrical engineering, computer engineering, computer science, or relevant fields, and outstanding academic credentials.

Job Specific Qualifications:

Candidates should have a strong interest in research and must have demonstrated experience and potential for building a strong externally funded research program. Candidates should be effective at collaborating with other faculty and should also have a strong interest in graduate and undergraduate instruction. Candidates who have a demonstrated track record in mentoring women and underrepresented groups in EECS and related areas are strongly encouraged to apply.

Responsibilities:

Candidates will engage in research and scholarly activity, including publishing in peer-reviewed venues (conferences and/or journals), presenting at conferences and obtaining external funding, teaching graduate and undergraduate courses, mentoring and advising undergraduate and graduate students, involving undergraduate students in research, and participating in professional, university, and community outreach and service.

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. For more information, please visit www.syracuse.edu.

To apply, visit: https://apptrkr.com/5709540

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.

Syracuse University

Assistant/Associate Professor
Multiple Faculty Openings in EECS Department

Job #: 078004
Location: Syracuse, NY
Pay Range: Asst $100,700-$105,000 / Assoc $105,000-$111,000
Hours: Determined by Department Chair.
Job Type: Full-time

Job Description:

Syracuse University's Department of Electrical Engineering and Computer Science (http://eecs.syr.edu/) invites applications primarily for Assistant Teaching Professor. Candidates with significant relevant experience may be considered at the level of Associate Teaching Professor. Candidates with a demonstrable commitment toward building a diverse and equitable scholarly community are particularly encouraged to apply.

Expertise areas generally include all areas of electrical engineering, computer engineering, and computer science. Areas of particular interest include, but are not limited to, Artificial Intelligence and Machine Learning, Semiconductors and Devices, Communications, Embedded Systems, Security, and Computing Systems.

To support the once-in-a-generation Federal Government investment in Chips and Science and the announced Micron Technologies plan to build the western-hemisphere's largest memory manufacturing plan within 15 miles of our campus, Syracuse University is currently underway in a five-year plan to transform our STEM education and research activities. This work includes a significant investment into the EECS Department in areas including chips and semiconductor manufacturing, quantum information science and engineering, and artificial intelligence.

Qualifications:
Candidates should have an earned Ph.D. in electrical engineering, computer engineering, computer science, or relevant fields, and outstanding academic credentials.

Job Specific Qualifications:
Candidates should have a strong interest in teaching undergraduate and graduate courses and be effective at collaborating with other faculty.
Candidates who have a demonstrated track record in mentoring women and underrepresented groups in EECS are strongly encouraged to apply.

Responsibilities:
Teaching responsibilities will include a range of undergraduate and graduate courses in the areas of Artificial Intelligence and Machine Learning, Semiconductors and Devices Communications, Embedded Systems, Security, and Computing Systems.
- Developing and/or updating a class syllabus
- Ordering the appropriate books and materials in advance of the class start date
- Preparation of lectures, projects or other student assignments
- Maintaining regularly scheduled office hours
- Presenting instruction based on the competencies and performance levels of the course.
- Meeting all designated class periods.
- Submitting completed progress reports and final grades according to University regulations.
- Grading student assignments and exams in a timely manner.
- Student advising and duties related to teaching and duties specified in the contract

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. 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.

Application Deadline: 11/30/2024 • To apply, visit https://apptrkr.com/5709414

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.

K.G. Tan Endowed Chair Professor of Artificial Intelligence - Full Professor

Job #: 077983
Location: Syracuse, NY
Pay Range: $160,000 - $222,700
Hours: Determined by Department Chair
Job Type: Full-time

Job Description:
Syracuse University's Department of Electrical Engineering and Computer Science (http://eecs.syr.edu) in the College of Engineering and Computer Science (https://eng-cs.syr.edu) seeks a top scholar in the field of Artificial Intelligence (AI) to serve as the inaugural K.G. Tan Endowed Chair Professor.

Kwang G. Tan is a pioneer in computing, having started by building functional units for IBM in the early 1960s. Tan received his doctorate from Syracuse University in 1973 supported by the IBM residence program. Recognized for his contributions he was selected for important leadership positions at IBM and later at HP. The K.G. Tan chair should reflect Dr. Tan's pioneering spirit applied to the field of AI.

Qualifications:
An earned Ph.D. in electrical engineering, computer engineering, computer science, or relevant fields, and outstanding academic credentials commensurate with appointment at the level of Full Professor with tenure. Early career candidates who are commensurate with an appointment at the level of Associate Professor with tenure but show exceptional potential may also apply.

Job Specific Qualifications:
Candidates must have a strong interest in research and teaching and should be effective at collaborating and leading initiatives with other faculty. Candidates must have demonstrated experience of building a strong externally funded research program. Demonstrated excellence for leading large research projects and building strong University collaborations with University, Government, and Industry partners is preferred. Candidates who have a demonstrated track record in mentoring women and underrepresented groups in EECS are strongly encouraged to apply.

We strongly encourage candidates' applications with a demonstrated commitment to diversity, inclusion, and excellence in both teaching and research. Syracuse University is a Carnegie R1 (highest research activity) ranked university that "aspires to be a pre-eminent and inclusive, student-focused research university."

Responsibilities:
Potential areas of expertise for the K.G. Tan Endowed Chair Professor include machine learning algorithms, natural language processing, computer vision, generative AI, with an emphasis on explainable AI, addressing aspects of security, privacy, ethics and fairness. Collaboratively designed AI approaches spanning the hardware and software stack and at different levels of complexity from TinyML to Large Language Models, particularly in the context of, multi-agent, decentralized learning and lifelong learning concepts. Neuromorphic systems, systems that emulate neural processes, and other biologically inspired systems to create efficient and adaptable AI systems. AI applications of interest include, but are not limited to human-robot collaboration, manufacturing and supply chain (i.e., Industry 4.0), medical imaging and diagnostics, autonomous driving and unmanned autonomous vehicles, addressing societal challenges including climate change and public health.

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. For more information, please visit www.syracuse.edu.

To apply, visit https://apptrkr.com/5704896

Texas Christian University

Professor and Department Chair of Computer Science

Texas Christian University (TCU) invites applications for the position of Department Chair of the Computer Science department beginning August 2025. The College of Science and Engineering is seeking a visionary leader with a strong academic and research background to lead our department as we advance toward R1 research status.

Key responsibilities will include providing leadership for the Department of Computer Science, fostering a collaborative environment that supports faculty, staff, and students, and promoting cutting-edge research.

Qualifications include a PhD in Computer Science or related field, demonstrated leadership experience in an academic setting, and a strong commitment to diversity, equality, and inclusion.

Our faculty includes members of all faiths, and we would like to encourage minorities and females to apply at:

Professor and Department Chair of Computer Science - TCU Main Campus, Texas, United States

Texas Tech University

Department of Computer Science Chair

The Department of Computer Science (CS) in the Edward E. Whitacre Jr. College of Engineering at Texas Tech University invites applications for a full-time, 12-month, tenured Professor to begin September 1, 2025. The successful candidate will be an innovative, dynamic, collaborative, and entrepreneurial Chair of the CS Department, providing intellectual and strategic leadership for teaching, research, service, and outreach and engagement endeavors in the CS Department.

Among other duties, the Chair will: manage and mentor departmental personnel; budget and allocate department's resources; increase student recruitment efforts; administer the undergraduate and graduate programs with the assistance of Associate Department Chairs; effectively represent the department to internal and external entities to promote teaching, research, development, and outreach; increase research expenditures; improve the department's reputation and visibility; strengthen alumni relationships and fundraising efforts; and promote the success of the faculty, staff, and students in the department.

Apply Here: *http://www.texastech.edu/careers/*

Toyota Technological Institute at Chicago

Endowed Research Assistant Professor Positions

The Toyota Technological Institute at Chicago (TTIC) invites applications for the position of Research Assistant Professor (RAP) in computer science.

The RAP position is a three-year position, with a salary and a discretionary research budget paid from TTIC's endowment. RAPs pursue independent research agendas, usually (but optionally) in collaboration with other TTIC faculty and students.

While we welcome applications from many areas of computer science, we will give preference to candidates working in the following areas:

- machine learning
- computer vision
- natural language processing and speech
- robotics
- computational biology
- algorithms and complexity theory

More details

The RAP position is in some ways similar to a postdoctoral fellowship, in that RAPs are often fresh PhDs and are paid a salary entirely covered by TTIC's endowment. Like a postdoc, an RAP is an excellent stepping stone on the way to a permanent academic or industrial research career. However, unlike traditional postdocs, RAPs:

- Are independent researchers with no assigned supervisor (but with mentoring available from a more senior faculty member)
- Can, if they wish, serve as principal investigators to raise external grant funding, to support collaborations or other research costs
- Can serve as thesis co-advisors for PhD students at TTIC, and can teach if they choose
- Can recruit and supervise their own visiting students (interns)

TTIC research faculty alumni have an excellent employment track record (*https://www.ttic.edu/faculty-alumni/*).

About TTIC

TTIC (*www.ttic.edu*) is a philanthropically endowed academic institute dedicated to fundamental research and graduate education in computer science. All TTIC faculty positions are supported by the endowment. TTIC has an accredited PhD program.

TTIC produces cutting-edge research and offers world-class graduate education. Our faculty routinely publish their results at top conferences and are recognized with distinctions such as the Sloan Research Fellowships, NSF CAREER Awards, Best Paper Awards, and the NAS Michael and Sheila Held Prize.

TTIC's students have been recognized with fellowships (such as NSF, Google, and Microsoft), and have an excellent career track record, including post-docs and faculty positions at top universities and research positions at major industry labs (*https://www.ttic.edu/student-alumni/*).

Located on the University of Chicago campus, TTIC has strong ties to the University. In addition to having access to TTIC's excellent computing infrastructure, faculty members benefit from many of the University of Chicago's state-of-the-art facilities, as well as opportunities to collaborate with UChicago faculty and students.

TTIC faculty members frequently collaborate with colleagues from leading academic institutions around the world. Travel and visitor hosting are strongly supported. TTIC also typically hosts several workshops each year.

TTIC faculty and students enjoy the close proximity of a vibrant urban environment with flourishing culture, business, and entertainment scenes.

We invite candidates with an outstanding academic record and passion for computer science research to join our world-class team of tenured/tenure-track and research faculty members (*www.ttic.edu/faculty/*).

TTIC/Simons-Berkeley Joint Program

Applicants for research assistant professor (RAP) positions in relevant areas are encouraged to simultaneously apply for the TTIC RAP program and the Simons-Berkeley Research Fellowship.

Applicants selected by both institutions will be able to participate in a program at the Simons Institute before joining TTIC. Please note that applicants interested in the joint program must submit separate applications to TTIC and the Simons Institute.

Benefits

Benefits at TTIC include excellent medical PPO or HMO insurance through Blue Cross Blue Shield of Illinois, and dental and vision insurance through Principal (80% employer paid). TTIC also provides employer-paid short-term and long-term disability and life insurance, as well as Flexible Spending Accounts for healthcare, transit and parking. Retirement benefits include a 401(k) with a gift of 3% of the employee's annual salary and a contributory match of up to 5% of annual salary. Dependent benefits include generous college tuition benefits at any accredited college or university, as well as pre-kindergarten through high school tuition benefits.

Timeline

We will start reviewing applications on December 1, and will continue until the positions are filled.

Application Requirements

- cover letter
- curriculum vitae
- research statement
- teaching statement (optional)
- names and contact information of at least three references

If interested in the joint program with the Simons Institute, please check the Simons Fellowship requirements (*https://simons.berkeley.edu/research-fellowship-call-applications*). Please note that the Simons Institute has a different deadline.

Where to Apply

Please apply here: *https://ttic.edu/facultyapplication*

Questions

recruiting@ttic.edu

In keeping with its long-standing traditions and policies, Toyota Technological Institute at Chicago (TTIC) considers students, employees, applicants for admission or employment, and those seeking access to TTIC programs on the basis of individual merit.

In accordance with federal, state, and local law, TTIC does not discriminate on the basis of sex, race, color, religion,

national origin, citizenship, ancestry, age, marital status, physical or mental disability, medical condition, genetic information, pregnancy or perceived pregnancy, gender, gender identity, gender expression, sexual orientation, protected military or veteran status, or any other protected status under the law, including Title IX of the Education Amendments of 1972. TTIC prohibits discrimination based on legally protected status with respect to all employment-related decisions, educational and admissions policies, personnel actions, and academic actions.

TTIC is committed to providing a respectful and positive environment for all members of its community, free from all forms of discrimination and harassment.

Toyota Technological Institute at Chicago

Tenure-Track and Research Faculty Positions

The Toyota Technological Institute at Chicago (TTIC) invites applications for the following faculty positions in computer science:

- tenure-track Assistant Professor
- tenured Associate Professor or full Professor
- Research Assistant Professor (for more details, see a separate job ad for this position in the postdoc job type)
- Visiting Professor

While we welcome applications from many areas of computer science, we will give preference to candidates working in the following areas:

- machine learning
- computer vision
- natural language processing and speech
- robotics
- computational biology
- algorithms and complexity theory

About TTIC

TTIC (*www.ttic.edu*) is a philanthropically endowed academic institute dedicated to fundamental research and graduate education in computer science. All TTIC faculty positions are supported by the endowment. TTIC has an accredited PhD program in computer science.

TTIC produces cutting-edge research and offers world-class graduate education. Our faculty routinely publish their results at top conferences and are recognized with distinctions such as the Sloan Research Fellowships, NSF CAREER Awards, Best Paper Awards, and the NAS Michael and Sheila Held Prize. TTIC research faculty alumni have an excellent employment track record (*https://www.ttic.edu/faculty-alumni/*).

Further, TTIC faculty members enjoy a uniquely light teaching load, which helps them focus on their research. TTIC has only PhD students, so all courses and activities are focused on advanced learning and research.

TTIC's students have been recognized with fellowships (such as NSF, Google, and Microsoft), and have an excellent career track record, including post-docs and faculty positions at top universities and research positions at major industry labs (*https://www.ttic.edu/student-alumni/*).

Located on the University of Chicago campus, TTIC has strong ties to the University. In addition to having access to TTIC's excellent computing infrastructure, faculty members benefit from many of the University of Chicago's state-of-the-art facilities, as well as opportunities to collaborate with UChicago faculty and students.

TTIC faculty members frequently collaborate with colleagues from leading academic institutions around the world. Travel and visitor hosting are strongly supported. TTIC also typically hosts several workshops each year.

TTIC faculty and students enjoy the close proximity of Chicago's vibrant urban environment with flourishing culture, business, and entertainment scenes.

We invite candidates with an outstanding academic record and passion for computer science research to join our world-class team of tenured/tenure-track and research faculty members (*www.ttic.edu/faculty/*).

Teaching Requirements

Tenured/tenure-track faculty teach one quarter per year. Research faculty have no teaching duties, but have the opportunity to teach and co-advise students.

Benefits

Benefits at TTIC include medical PPO or HMO insurance through Blue Cross Blue Shield of Illinois, and dental and vision insurance through Principal (80% employer

paid). TTIC also provides employer-paid short-term and long-term disability and life insurance, as well as Flexible Spending Accounts for healthcare, transit and parking. Retirement benefits include a 401(k) with a gift of 3% of the employee's annual salary and a contributory match of up to 5% of annual salary. Dependent benefits include generous college tuition benefits at any accredited college or university, as well as pre-kindergarten through high school tuition benefits.

Timeline

We will start reviewing applications on December 1, and will continue until the positions are filled.

Application Requirements

- cover letter
- curriculum vitae
- research statement
- teaching statement (optional for Research Assistant Professor applicants)
- names and contact information of at least three references

For the position of Research Assistant Professor (RAP), an option exists to apply for a joint program with the Simons Institute at Berkeley. For the joint program, please check the Simons Fellowship requirements (*https://simons. berkeley.edu/research-fellowship-call-applications*). Please note that the Simons Institute has a different deadline.

Where to Apply

Please apply here: *https://ttic.edu/ facultyapplication*

Senior applicants may directly contact the Chief Academic Officer (*avrim@ttic.edu*) or faculty members in their areas.

Questions

recruiting@ttic.edu

In keeping with its long-standing traditions and policies, Toyota Technological Institute at Chicago (TTIC) considers students, employees, applicants for admission or employment, and those seeking access to TTIC programs on the basis of individual merit.

In accordance with federal, state, and local law, TTIC does not discriminate on the basis of sex, race, color, religion, national origin, citizenship, ancestry, age, marital status, physical or mental disability, medical condition, genetic information, pregnancy or perceived pregnancy, gender, gender identity, gender expression, sexual orientation, protected military or veteran status, or any other protected status under the law, including Title IX of the Education Amendments of 1972. TTIC prohibits discrimination based on legally protected status with respect to all employment-related decisions, educational and admissions policies, personnel actions, and academic actions.

TTIC is committed to providing a respectful and positive environment for all members of its community, free from all forms of discrimination and harassment.

Tufts University

Multiple tenure-track faculty positions

The Department of Computer Science at Tufts University invites applications for multiple tenure-track faculty positions to begin September 2025, as follows.

Human-Computer Interaction (HCI):
The department seeks candidates who conduct research in human-computer interaction (HCI), interpreted broadly. We especially seek candidates who publish in venues such as CHI, VIS, UIST, and CSCW. Those who can connect to and build on the department's and/or university's strengths in related areas, including visualization, interaction techniques, human-robot interaction, usable security, human-AI interaction, and cognitive science, are strongly encouraged to apply. While candidates at the assistant professor level are preferred, candidates at all levels will also be considered.

Systems: The department seeks candidates who conduct research in computer systems, especially those with interests in networking, operating systems, cloud and mobile systems, databases, security and privacy, and systems for AI/ML. The department's presence in systems has been quickly growing in recent years, with faculty publications in top venues such as OSDI, ATC, and SoCC. Candidates who can connect to and build on the department's and/or university's strengths are particularly encouraged to apply. While candidates at the assistant professor level are preferred, candidates at all levels will also be considered.

Exceptional candidates not matching the above position descriptions will also be considered.

Candidates are encouraged to demonstrate throughout their application their attention to diversity and inclusion as these topics relate to teaching, research, and engagement within the academic environment. We welcome candidates with a variety of life experiences and perspectives that will positively contribute to the Tufts computer science department and broader university community. 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.

Please submit your application through Interfolio at *http://apply.interfolio. com/155047*. Review of applications will begin December 15, 2024 and will continue until the positions are filled. Inquiries should be emailed to *ttsearch@cs.tufts.edu*.

Tufts University

Open rank teaching faculty position

The Department of Computer Science at Tufts University invites applications for a full-time teaching position as **Teaching Professor** (open rank), **Lecturer** (open rank), or **Professor of the Practice.**

Candidates are encouraged to demonstrate throughout their application their attention to diversity and inclusion as these topics relate to teaching, research, and engagement within the academic environment. We welcome candidates with a variety of life experiences and perspectives that will positively contribute to the Tufts computer science department and broader university community. 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.

The primary responsibility for the position is teaching and curriculum development for the department's undergraduate and graduate programs. The position will begin Spring or Fall 2025. The department primarily seeks candidates who have strong foundational knowledge in Artificial Intelligence who can contribute to expanding diversity of thought in the field. We also invite applications from exceptional candidates in any area.

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 *http://apply.interfolio.com/154438.*

Applications are due December 1, 2024 but review of applications will begin October 15, 2024 and will continue until the positions are filled. Inquiries should be emailed to *cssearch@cs.tufts.edu*.

Adjunct positions. Additionally, we conduct an ongoing search for qualified part-time lecturers for in-person and online courses. Submit your application at *http://apply.interfolio.com/154713*.

Tulane University

The Mark D. Wheeler Endowed Chair in Artificial Intelligence Position in Computer Science at Tulane

The Department of Computer Science at Tulane University invites distinguished applicants for the Mark D. Wheeler Endowed Chair in Artificial Intelligence. Our collaborative department boasts globally recognized faculty in machine learning, computer vision, natural language processing, and data science. In addition to significant support from NSF, NIH, and DoD, AI research at Tulane is further enriched by interdisciplinary centers and institutes that foster innovation across the university, including collaborations with the Schools of Medicine and Public Health. For more information, please visit our *department website*.

We seek a senior scholar conducting pioneering, interdisciplinary research in artificial intelligence and its applications. This pivotal role calls for an established leader who will enhance existing research collaborations and forge new ones across the university. The

ideal candidate will have exceptional international research credentials in artificial intelligence, a strong track record of securing substantial research funding, and experience leading multidisciplinary research initiatives. Excellence in teaching at both the undergraduate and graduate levels is essential, as is a demonstrated commitment to diversity, equity, and inclusion. We welcome and encourage applications from members of underrepresented groups.

Review of applications will begin January 1, 2025, and will continue until the position is filled.

For a full description and to apply, please visit *https://apply.interfolio.com/133007*.

United States Naval Academy

Tenure-Track Professor

The U.S. Naval Academy invites applications for a tenure-track position, with preference for those applying for Assistant Professor ranks, beginning in the Fall semester of 2025 or Spring semester of 2026 in the Department of Cyber Science. U.S. citizenship is required. For this position, technical skills and expertise are required in computer programming and should be, at a minimum, familiar with Python and C languages. Additionally, the applicant should have teaching or research experience in at least one or more of the following areas: Computer Architecture, Embedded Systems, Operating Systems, Web and Database Security, Networking, Cryptography, and Artificial Intelligence. In joining the

USNA Cyber Science Department, faculty support growing cybersecurity education initiatives in a highly interdisciplinary department. These initiatives include a rapidly growing Cyber Operations major that is both accredited and designated as a Center of Academic Excellence in Cyber Operations (CAE-CO) and Center of Academic Excellence in Cyber Defense (CAE-CD) by the National Security Agency - and a brand new, state-of-the-art building to support multi-disciplinary cybersecurity education and research. Because of our position as a service academy and our collaborative activities within the military and government cybersecurity and intelligence communities, we provide a unique opportunity for our civilian faculty to work with cybersecurity thought leaders from all over the world, and to impact an important program with a substantial global impact. In 2019, an overview of our program was published in IEEE Computer: *https://ieeexplore.ieee.org/document/867734* Those who are interested can view the official job announcement, and information on how to apply, at *https://www.usna.edu/HRO/jobinfo/Tenure-track-CyberScience-AY25.php*

The University of Alabama

Computer Science - AI Faculty Positions

The Department of Computer Science at the University of Alabama invites applications for multiple faculty positions at all ranks with particular research interests and expertise in AI, machine learning and data science.

The Computer Science Department offers B.S. degrees in Computer Science and

Cyber Security, and M.S. and PhD degrees in Computer Science. It also participates in the interdisciplinary Bachelor of Data Science degree. The University of Alabama, with over 40,000 students, has been designated with the R1 status and is one of the two fastest-growing research institutions in the nation.

The College of Engineering, the home of Computer Science, has seen research funding more than double in the last five years and is pushing its "Top-30+ by 30" initiative to have the College and all its Departments achieve top-30 impact. The newly created Alabama Center for the Advancement of Artificial Intelligence (ALA-AI) at the University of Alabama will provide exceptional opportunities for faculty and students to engage in advanced AI research and education, fostering innovation and academic excellence across campus. A new HPC data center is also underway at UA and will provide the infrastructure and instrumentation to support cutting-edge computational research.

For more information, including expected qualifications and application instructions, visit *https://bit.ly/UA-CS-Search*.

University of Alabama

Computer Science - Cyber Security Faculty Positions

The Department of Computer Science at the University of Alabama is hiring multiple faculty members to support its rapid growth in research funding and student population. The College of Engineering,

the home of Computer Science, has seen research funding more than double in the last five years and is pushing its "Top-30+ by 30" initiative to have the College and all its Departments achieve top-30 impact.

In addition to searching for strong faculty in all areas, the Department of Computer Science is specifically searching for faculty with expertise in all areas of Cyber Security to join an existing cohort of faculty and continue to grow our already strong program, which is highlighted by

- Our ABET-accredited Bachelor of Cyber Security degree
- Our NSF-sponsored Scholarship for Service program
- Our CAE-R designation

The Computer Science Department offers B.S. degrees in Computer Science and Cyber Security and M.S. and PhD degrees in Computer Science. It also participates in the interdisciplinary Bachelor of Data Science degree. The University of Alabama, with over 40,000 students, has been designated with the R1—Very High Research Activity status and is one of the two fastest-growing research institutions in the nation.

For more information, including expected qualifications and application instructions, visit *https://bit.ly/UA-CS-Search*.

University of Alabama

Computer Science - HPC/Quantum Computing Faculty Positions

The Department of Computer Science at the University of Alabama is hiring multiple faculty members to support its rapid growth in research funding and student population. The College of Engineering, the home of Computer Science, has seen research funding more than double in the last five years and is pushing its "Top-30+ by 30" initiative to have the College and all its Departments achieve top-30 impact.

In addition to searching for strong faculty in all areas, the Department of Computer Science is specifically searching for faculty with expertise in High-Performance Computing and Quantum Computing to contribute to our already strong program, which is highlighted by a transformative $96M project to deploy a High-Performance Computing facility that will support research across the spectrum of university disciplines, with a particular emphasis on artificial intelligence and machine learning applications to problems in science, engineering, medicine, and the humanities.

The Computer Science Department offers B.S. degrees in Computer Science and Cyber Security and M.S. and PhD degrees in Computer Science. It also participates in the interdisciplinary Bachelor of Data Science degree. The University of Alabama, with over 40,000 students, has been designated with the R1—Very High Research Activity status and is one of the two fastest-growing research institutions in the nation.

For more information, including expected qualifications and application instructions, visit *https://bit.ly/UA-CS-Search*.

University of Alabama

Computer Science - Software Engineering Faculty Positions

The Department of Computer Science at the University of Alabama is hiring multiple faculty members to support its rapid growth in research funding and student population. The College of Engineering, the home of Computer Science, has seen research funding more than double in the last five years and is pushing its "Top-30+ by 30" initiative to have the College and all its Departments achieve top-30 impact.

In addition to searching for strong faculty in all areas, the Department of Computer Science is specifically searching for faculty with expertise in Software Engineering to join an existing cohort of faculty and continue to grow our already strong program. Software Engineering faculty collaborate with faculty, centers, and Institutes across campus to conduct basic and applied research. The research of Software Engineering faculty have received support from NSF, NOAA, Sloan Foundation, Department of Justice, and the NSA.

The Computer Science Department offers B.S. degrees in Computer Science and Cyber Security and M.S. and PhD degrees in Computer Science. It also participates in the interdisciplinary Bachelor of Data Science degree. The University of Alabama, with over 40,000 students, has been designated with the R1—Very High Research Activity status and is one of the two fastest-growing research institutions in the nation.

For more information, including expected qualifications and application instructions, visit *https://bit.ly/UA-CS-Search*.

Professional Opportunities

University of Alabama

Multiple Tenure Track Faculty Positions

The Department of Computer Science at the University of Alabama is hiring multiple faculty members to support its rapid growth in research funding and student population. The College of Engineering, the home of Computer Science, has seen research funding more than double in the last five years and is pushing its "Top-30+ by 30" initiative to have the College and all its Departments achieve top-30 impact.

In addition to searching for strong faculty in all areas, the Department of Computer Science is specifically searching for candidates with expertise in Artificial Intelligence, Augmented and Virtual Reality, Cyber Security, High-Performance Computing, Robotics, Software Engineering, and Quantum Computing to join an existing cohort of faculty and continue to grow our already strong program.

The Computer Science Department offers B.S. degrees in Computer Science and Cyber Security and M.S. and PhD degrees in Computer Science. It also participates in the interdisciplinary Bachelor of Data Science degree. The University of Alabama, with over 40,000 students, has been designated with the R1—Very High Research Activity status and is one of the two fastest-growing research institutions in the nation.

For more information, including expected qualifications and application instructions, visit *https://bit.ly/UA-CS-Search*.

Director and Full Professor – Simons Institute for the Theory of Computing

The University of California, Berkeley invites applications for Director of the Simons Institute for the Theory of Computing, reporting to the Vice Chancellor for Research. The successful applicant will also be appointed to a tenured full professorship on campus. Upon completion of their tenure as Institute Director, which is for an initial period of five years with the possibility of renewal, the position will revert to that of a regular professor. The candidate's designated home department is open, but should be in a field closely related to the theory of computing. We seek a visionary leader who will identify important theoretical topics, oversee the Institute's staffing and operations, lead the Institute's fundraising efforts, and connect with the international theoretical computer science community to attract leaders and participants for its programs. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

For more information and to apply go to: https://apptrkr.com/5704997

The deadline to apply is November 11, 2024.

UC Berkeley is an AA/EEO employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

University of California, Riverside

Open Rank Faculty Position in Computer Science and Engineering Artificial Intelligence/Machine Learning - JPF01999

The Department of Computer Science and Engineering at the University of California, Riverside invites applications for multiple open-rank faculty positions. This advertised position is for open-rank faculty lines in areas of (a) Artificial Intelligence/Machine Learning (b) Computer Graphics, (c) Computer Architecture, and (d) Programming Languages.

The Computer Science and Engineering Department currently has over 40 faculty members, including multiple ACM/IEEE/AAAS Fellows and significantly, 21 Young Investigator/NSF CAREER award holders, who pride themselves in combining top-quality teaching with cutting-edge research. The research projects in the department are funded by federal (NSF,

NIH, DoD) or industrial sponsors. The department offers five undergraduate degrees, as well as MS and Ph.D. degrees in Computer Science, with over 170 Ph.D. students currently enrolled. The department is currently ranked 29th on csrankings.org. Information regarding the department is available at *http://www.cs.ucr.edu*.

The Marlan and Rosemary Bourns College of Engineering is a well-established, rapidly growing college at UCR. Ranked in the top 50 best public research universities for engineering by U.S. News & World Report, BCOE has over 140 faculty members, more than 3,700 undergraduate students, 1,100 graduate students, and more than $44 million in total annual research expenditures. The college has five departments, 11 undergraduate degree programs, 10 graduate degree programs, and 11 research centers.

Successful candidates will have a proven record of, or exceptional promise for,

UC Irvine

Open Rank Faculty Position in Computer Science: Systems

The Department of Computer Science at the University of California, Irvine (CS@UCI) invites applicants for two tenure-track/tenured assistant, associate, or full professor positions, starting July 1, 2025.

AI/ML: This faculty search targets applicants with research expertise in all aspects of artificial intelligence and machine learning, broadly interpreted.

JPF09316 - Open Rank Faculty Position in Computer Science: Artificial Intelligence and Machine Learning
https://apptrkr.com/5709300

Systems: This faculty search targets applicants with research expertise in all aspects of computer systems, broadly interpreted: Architecture, Databases, Operating Systems, Storage, Distributed/Cloud, Networking, and Security/Privacy.

JPF09307 - Open Rank Faculty Position in Computer Science: Systems
https://apptrkr.com/5709272

Over 50 CS@UCI faculty members include 2 NAE Members, 14 ACM Fellows, 12 IEEE Fellows, 14 AAAS Fellows, 2 IFIP Fellows, and 2 Academia Europea Members. CS@UCI is ranked at #16 by CSRankings in Systems (2014-2024) and the 2024 US News and World Report ranks UCI as a top 10 public university.

UCI is located in Orange County, 4 miles from the Pacific Ocean and 45 miles south of Los Angeles. Irvine offers a very pleasant year-round climate and numerous recreational and cultural opportunities.

UCI is an HSI, an AANAPISI, and a charter member of the AAAS SEA Change initiative that supports institutional efforts to increase access and success for students, faculty and staff from groups marginalized in STEMM. Programs are available to meet the needs of dual-career academic partners. Faculty are eligible for subsidized housing and a Mortgage Origination Program. We seek faculty who are committed to diversity as well as diverse faculty who will be role models for students.

The University of California, Irvine is an Equal Opportunity/Affirmative Actions Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC anti-discrimination policy.a

developing a vibrant externally-funded research program and developing a portfolio of high-quality teaching at the undergraduate and graduate levels. UC Faculty are expected to maintain an active research agenda and record of publications; teach a regular course load at both the undergraduate and graduate levels; and participate in service activities at the department, college, campus,

and professional levels. Candidates will be expected to support existing and new cross-cutting efforts relevant to their expertise.

Appointments are expected to begin on July 1, 2025. Salary will be commensurate with education and experience. Candidates must have met the requirements for the Ph.D. by the time

of appointment. Advancement through the faculty ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

The posted UC salary scales set the minimum pay determined by rank and/or step at appointment. See Table(s) 3 at *https://www.ucop.edu/academicpersonnel-programs/_files/2024-25/oct-2024-scales/t3.pdf*. The salary range for this position is $103,700 - $224,900. "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. See the campus compensation page for additional information at *https://academicpersonnel.ucr.edu/compensation*

To apply for the position interested individuals are required to submit a cover letter, an updated curriculum vitae, three letters of reference or contact information for three references, a Statement of Teaching, a Statement of Research, and a Contribution to Diversity Statement to the AP Recruit website. The website for the Artificial Intelligence and Machine Learning position is at: *https://aprecruit.ucr.edu/JPF01999*, the website for the Computer Graphics position is at: *https://aprecruit.ucr.edu/JPF02000*, the website for the Computer Architecture position is at *https://aprecruit.ucr.edu/JPF02001*, and the position for the Programming Languages position at *https://aprecruit.ucr.edu/JPF02002*. Candidates should

submit their application on the proper website so that their application is properly assessed. Inquiries should be directed to *search@cs.ucr.edu*.

The review of applications will begin on December 1, 2024, and applications received by this date will be given full consideration. However, applications received beyond this date may be reviewed until the position(s) are filled. For more information regarding the specific areas of interest and application procedures, please visit *http://www.engr.ucr.edu/hireme*.

University of California - San Diego

Associate or Full Professor – CSE

The UC San Diego Department of Computer Science and Engineering (CSE) invites applications for multiple tenure faculty positions at the 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. In particular, the responsibilities of tenured faculty are (1) research and scholarly achievement, (2) teaching, (3) professional and university service.

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 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 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 ask candidates to send their applications by January 1, 2025.

Applications must be submitted through the University of California San Diego's Academic Personnel RECRUIT System:

To apply visit: *https://apol-recruit.ucsd.edu/JPF04080*

University of California, San Diego

Assistant Teaching Professor – CSE

The University of California San Diego Computer Science and Engineering Department seeks applications for an Assistant Teaching Professor (formal title Lecturer with Potential Security of Employment). Teaching Professors are full members of the academic senate and are eligible for Security of Employment, analogous to tenure.

The responsibilities of Teaching Professors are (1) teaching, (2) professional and/or scholarly achievement and activity, and (3) university and public service. The teaching load is two courses per quarter at the undergraduate and/or graduate level over three quarters of the academic year. The CSE course catalog is available *https://catalog.ucsd.edu/courses/CSE.html*.

Candidates who have engaged in activities or efforts to educate a broad and diverse group of students and worked to increase the participation and success of students from groups underrepresented in computer science are preferred.

Applicants must have an expectation of completing a Ph.D. in computer science and/or electrical or computer engineering and/or computing education and/or mathematics and/or bioinformatics or computational biology and/or computational social science. Applicants must have at least one course of teaching experience as a TA, lead instructor, or other comparable teaching experience.

More information about the CSE department and its Teaching Faculty can be found at *http://www.cse.ucsd.edu/* and *https://csed.ucsd.edu/*.

We encourage candidates to send applications as soon as possible. Applications submitted by October 13, 2024 will receive full consideration; review will continue until the position is filled.

To apply and/or more information, please visit: *https://apol-recruit.ucsd.edu/JPF04041*

UC San Diego is an Equal Opportunity/ Affirmative Action Employer with a strong institutional commitment to excellence through diversity. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

University of Chicago

Data Science Institute Postdoctoral Scholars Program AY2025-26

The Data Science Institute (DSI) at the University of Chicago invites applications for Postdoctoral Scholars who wish to advance cutting-edge data science approaches, methods, and applications in research. The DSI executes the University of Chicago's bold, innovative vision of Data Science as a new discipline by advancing foundational and interdisciplinary research, developing partnerships with industry, government, and social impact organizations, and implementing a holistic approach to data science education.

Applications should be submitted online via: *https://uchicago.infoready4. com/#competitionDetail/1951020*.

EOE/Vet/Disability

University of Chicago

Data Science Preceptor

The University of Chicago's Data Science Institute, in partnership with the City Colleges of Chicago (CCC), invites applications for the position of University of Chicago (UChicago) Data Science Preceptorship. The UChicago and CCC Preceptorship program will develop the next generation of teaching academics for data science, engineering, and computer science education. This unique program emphasizes pedagogical best practices and allows Preceptors, from a variety of STEM PhD backgrounds, the opportunity to broaden their classroom skills and enhance their teaching and scholarship portfolios with the support of UChicago and CCC faculty mentorship.

Applications must be submitted online through: *http://apply.interfolio. com/156843*

EOE/Vet/Disability

University of Cincinnati

Assistant Professor

The School of Information Technology (SoIT) at the University of Cincinnati (UC) seeks to hire one (1) Assistant Professor-Tenure Track 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. For full job description and details on how to apply online, please visit *https://jobs.uc.edu* and search keyword: 96933

University of Cincinnati

Assistant Professor-Educator

The School of Information Technology (SoIT) at the University of Cincinnati (UC) seeks to hire two (2) 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. For full job description and details on how to apply online, please visit *https://jobs.uc.edu* and search keyword: 96935

University of Colorado Boulder

Tenured/Tenure-Track Faculty in Computer Science / Robotics

The Computer Science Department, within the College of Engineering and Applied Science at the University of Colorado Boulder, invites applications for a faculty position at the Assistant Professor level that will contribute to the college's growing MS and PhD program in robotics. While this position is anticipated to be hired at the Assistant Professor rank, qualified candidates may be considered at the Associate Professor or Professor

rank. Successful candidates will have a relevant doctorate and an outstanding record of achievement of impactful research in academia, industry, and/or national laboratories. They will have a strong commitment to teaching at the undergraduate and graduate levels, to providing service to the university, the profession, and to broadening the intellectual diversity of the College.

The search will prioritize candidates in computational areas of robotics such as perception, learning and artificial intelligence, especially those focused on robotic manipulation or humanoid robotics. Women and underrepresented minorities are highly encouraged to apply. The University of Colorado Boulder is committed to building a culturally diverse community of faculty, staff, and students dedicated to contributing to an inclusive campus environment. We are an Equal Opportunity employer, including veterans and individuals with disabilities.

The anticipated academic year salary range for this position at the Assistant Professor rank is $120,000 to $135,000.The full salary range for Assistant Professor, Associate Professor, and Professor is $120,000-$190,000, dependent on rank.

Application review will begin November 1, 2024, and will continue on a rolling basis. **For full consideration please apply by December 1, 2024.**

Application materials will not be accepted via email. For consideration, applications must be submitted through *CU Boulder Jobs* (search by job title or requisition #59613). Background checks will be conducted for all final candidates.

In compliance with the Colorado Job Application Fairness Act, in any materials you submit, you may redact or remove age-identifying information such as age, date of birth, or dates of school attendance or graduation. You will not be penalized for redacting or removing this information.

University of Colorado Boulder

Tenured/Tenure-Track Faculty in Trustworthy and Scalable AI Systems

The Department of Computer Science at the University of Colorado (CU) Boulder seeks applications for a tenure-track faculty position in Trustworthy and Scalable AI Systems. We invite candidates from all areas of computing to apply. The specific focus of this position is inter-disciplinary, spanning the broad areas of computer systems, programming languages, software engineering, formal methods and artificial intelligence. Modern AI systems draw heavily on advances in computer architecture, compilers, programming languages and computer security. Reasoning about the safety and fairness of these systems involves techniques from automated reasoning that have been studied in the areas of programming languages and formal methods. Conversely, AI and Machine Learning techniques are impacting how we design, implement and operate computing systems. Automated reasoning/theorem proving tools that underlie formal methods now use ideas

from machine learning to speed up proof search and improve human interaction. To carry out research in these emerging and highly interdisciplinary areas, we seek candidates with interests that span artificial intelligence and one of our focus areas of computer systems and/or programming languages. This position is anticipated to be hired at the Assistant Professor rank; however, qualified candidates may be considered at the Associate Professor or Professor rank.

The University of Colorado Boulder is committed to building a culturally diverse community of faculty, staff, and students dedicated to contributing to an inclusive campus environment. We are an Equal Opportunity employer, including veterans and individuals with disabilities.

The anticipated academic year salary range for this position at the Assistant Professor rank is $120,000 - $135,000. The full salary range for Assistant Professor, Associate Professor, and Professor is $120,000 - $190,000, depending on rank.

Applications will be accepted until the position is filled, however for full consideration please apply by December 1, 2024.

Note: Application materials will not be accepted via email. For consideration, applications must be submitted through *CU Boulder Jobs* (search by job title or requisition #59677). Background checks will be conducted for all final candidates.

In compliance with the Colorado Job Application Fairness Act, in any materials you submit, you may redact or remove

age-identifying information such as age, date of birth, or dates of school attendance or graduation. You will not be penalized for redacting or removing this information.

University of Colorado Colorado Springs

Asst Teaching Professor (multiple) - Computer Science and Game Design & Dev

The College of Engineering & Applied Science (EAS) at the University of Colorado Colorado Springs (UCCS) is seeking applications for Assistant Teaching Professors in the Department of Computer Science (CS) in both general Computer Science areas and Game Design and Development (GDD).

Assistant Teaching Professors teach undergraduate courses, including cross-listed courses, for multiple CS and/or GDD degrees and specializations, as well as participate in service activities . The typical course load for an instructor is 24 credit hours (80% time) per academic year and service activity (20% time).

Salary Range: Generally starting at $69,000-75,000 per academic year

Priority will be given to applications submitted by October 20, 2024. However, this posting will remain open until filled.

Assistant Teaching Professor - Computer Science, apply here: *https://cu.taleo. net/careersection/2/jobdetail. ftljob=34175&amp;lang=en*

Assistant Teaching Professor - Game Design and Development,

apply here: *https://cu.taleo. net/careersection/2/jobdetail. ftl?job=34943&amp;lang=en*

University of Georgia

Dean of the College of Engineering

The University of Georgia (UGA) seeks an experienced and energetic leader to serve as the **Dean of the College of Engineering**. The Dean serves as the chief academic and administrative officer of the College, reporting to the Senior Vice President for Academic Affairs and Provost. The Dean will provide energetic and visionary leadership as well as principled administrative guidance and advocacy for the tripartite mission of the College in teaching, research, and public service & outreach.

Founded in 2012, the College of Engineering was established to develop a premier engineering program in a comprehensive, land-grant university, meet growing student demand for additional in-state enrollment opportunities, meet the need for engineering and technical talents, increase the economic impact of the University of Georgia, and increase the breadth of scholarship at UGA. For more information about the College of Engineering, please see: *https:// engineering.uga.edu/*.

Candidates are encouraged to submit their materials by Sunday, December 1, 2024. Please see the full job posting at: *https://www.ugajobsearch. com/postings/401818*. For additional information, contact Anjanette Russell

with the UGA Search Group at 770-596-7596 or *adsmith@uga.edu*.

University Of Illinois at Chicago

Tenured Professor and Head, Computer Science, University of Illinois at Chicago College of Engineering

The University of Illinois Chicago (UIC) invites applications, nominations, and inquiries as it seeks an experienced and visionary leader with a deep commitment to both access and academic excellence to serve as the next Head of the Department of Computer Science (CS) in the College of Engineering. UIC, the largest and only public research university in Chicago, is a Carnegie-classification R1 institution and federally designated minority-serving university. In FY2023, UIC received over $500M in sponsored research awards. UIC is among the most diverse research universities in the country, is highly rated for its impact on social mobility, and is ranked among the highest-value colleges in the U.S.

The College of Engineering

The mission of the College of Engineering is to provide access to excellence and success: the College educates students to innovate and to lead. It aims to expand global knowledge of engineering and computer science fields through distinction in original research and, as a public institution, to prioritize its relationship with the city of Chicago and the state of Illinois. UIC Engineering also aims to foster strong local partnerships,

provide crucial engineering expertise and facilities, and serve as a major economic driver for the city. The College has six departments: Biomedical Engineering; Chemical Engineering; Civil, Materials, and Environmental Engineering; Computer Science; Electrical and Computer Engineering; and Mechanical and Industrial Engineering. Driven by the combination of accessibility and excellence, student enrollment at the College has skyrocketed: with over 57% enrollment growth over the last decade, the College now has over 6,200 students, approximately half of which are CS students.

The Department of Computer Science

The CS department seeks to conduct outstanding research, provide an excellent computing education at both the undergraduate and graduate levels, and continue to further the diversity of its student body and faculty. The Department has been very successful in research, with csrankings.org consistently placing UIC CS in the 40s overall and around 20 to 25 for Artificial Intelligence, with some subfields of AI ranking in the top 20.

The CS department has seen explosive growth in the last decade. From fall 2013 to fall 2023, undergraduate enrollment grew from just under 500 to over 2,100, and graduate enrollment increased more than 70% from 252 to 432. By January 2025, the CS department will have over 80 faculty members, compared with 29 in 2014. To accommodate the growth, a new state-of-the-art five-story computer science building is currently under construction, scheduled for occupancy in early 2025.

In recent years, the CS department has created two new undergraduate majors, one in Data Science and one in CS + Design, and has partnered with UIC's Liberal Arts and Sciences College on a CS + Linguistics major. The CS department is starting its fifth year running Break Through Tech Chicago, funded by one of the largest grants in the history of the UIC College of Engineering, received from Pivotal Ventures, Melinda French Gates's social good organization, and directed towards undergraduate gender diversity efforts in computer science at UIC. Since the grant started, the CS department has seen significant growth in the percentage of women in the department's majors, increasing from 19 to 26 percent from fall 2019 to fall 2023, representing an absolute increase of about 310 additional women among the department's majors.

Minimum Requirements

The successful applicant must have a doctoral degree in computer science, or a closely related discipline, and a proven track record of scholarly achievement that merits appointment at the rank of full professor with indefinite tenure, as well as a proven track record in administrative leadership in academia, industry, or government.

The successful applicant will be an innovative thinker with the necessary leadership skills to guide and promote the CS department to a higher level of excellence and impact. The candidate should be able to articulate and communicate the impact the CS department has already made and a collective vision for the future of the CS department's education and research

missions to a large constituency that includes current faculty, the university, the broader academic community, government, industry, non-profits, and alumni.

The duties and responsibilities of a Department Head are as outlined in the University of Illinois Statutes, Article IV, Section 3.

Chicago

Chicago is the most populous city in Illinois and the Midwestern United States. With a population of 2,746,388 as of the 2020 census, it is the third-most populous city in the United States. Chicago is the seat of Cook County, the second-most populous county in the U.S., and the center of the Chicago metropolitan area, which is home to 9.6 million residents.

UIC is located nearby two Department of Energy's national labs, the Discovery Partners Institute (DPI), and the rapidly growing Quantum Park, offering unparalleled opportunities for collaboration and innovation.

Located on the shore of Lake Michigan, Chicago was incorporated as a city in 1837 near a portage between the Great Lakes and the Mississippi River watershed. It grew rapidly in the mid-19th century. In 1871, the Great Chicago Fire destroyed several square miles and left more than 100,000 homeless, but Chicago's population continued to grow. Chicago made noted contributions to urban planning and architecture, such as the Chicago School, the development of the City Beautiful Movement, and the steel-framed skyscraper.

CRA
Computing Research Association

STRATEGIC HIRING INITIATIVE: NEUROINFORMATICS CLUSTER HIRE

The University of Illinois Urbana-Champaign (UIUC) is announcing a major university-wide Strategic Hiring Initiative to hire three (3) full-time tenure-track and tenured faculty positions at all levels (Assistant Professor, Associate Professor, Full Professor) in the area of Neuroinformatics that lies at the critical intersection of computational neuroscience, computer science, and information science with a primary focus on understanding the function of the brain in disease and health. This major institutional investment across the Grainger College of Engineering seeks to expand and complement existing efforts across campus and serve as catalyst to establish UIUC as a center of excellence in understanding the function of the human brain. Additional information on this cluster hire initiative, along with application instructions, can be found on the website **https://publish.illinois.edu/neuro-cluster/**. Please contact **neuroinformatics@illinois.edu** with any questions.

Chicago is an international hub for finance, culture, commerce, industry, education, technology, telecommunications, and transportation. O'Hare International Airport is routinely ranked among the world's top six busiest airports by passenger traffic, and the region is also the nation's railroad hub. The Chicago area has one of the highest gross domestic products (GDP) of any urban region in the world, generating $689 billion in 2018. Chicago's economy is diverse, with no single industry employing more than 14% of the workforce.

For fullest consideration, please submit your CV, letter of intent, and the names of three references by November 3, 2024

Submit here: *https://uic.csod. com/ux/ats/careersite/1/home/ requisition/12031?c=uic*

Jobs.uic.edu Job ID # 1027699

As an EOE/AA employer, the University of Illinois Chicago encourages applications from individuals regardless of an applicant's race, color, religion, sex, gender identity, sexual orientation, national origin, and Veteran or disability status.

University of Massachusetts Amherst

Assistant Professor (TT) - Electrical and Computer Engineering - Heterogenous Computing

Join UMass Amherst's ECE Department!

The Department of Electrical and Computer Engineering at the University of Massachusetts Amherst is hiring a tenure-track assistant professor in heterogeneous computing, with possible consideration for associate level based on experience. We seek candidates in the broad area of heterogeneous computing, including architectures, accelerators (GPUs, NPUs, FPGAs), performance analysis, sustainable computing and related emerging fields. Applicants must hold a Ph.D. in Electrical Engineering, Computer Engineering, Computer Science, or related fields by August 31, 2025. For details, visit: Details - *Assistant Professor (TT) - Electrical and Computer Engineering - Heterogenous Computing* | Human Resources | UMass Amherst

University of Massachusetts Amherst

TT and NTT Faculty Positions

The Manning College of Information & Computer Sciences (CICS) at the University of Massachusetts Amherst invites applications for multiple tenure track (TT) and non-tenure track (NTT) faculty positions.

- Assistant/Associate Professor Data Management
- Assistant/Associate Professor Natural Language Processing
- Associate/Full Professor Computer or Information Sciences (Associate Dean of Diversity, Equity, & Inclusion)
- Associate/Full Professor Robotics
- NTT Full-Time & Part-Time Teaching Faculty

Rank and salary will be highly competitive and commensurate with qualifications and experience. For more information and to submit an application, please visit *www. cics.umass.edu/about/employment/ faculty-positions*.

UMass Amherst is home to graduate and undergraduate programs that are

ranked among the top twenty-five in the nation by U.S. News & World Report and CS Rankings. Following a decade of tremendous growth, CICS currently has 89 core faculty, including 20 ACM Fellows, 11 IEEE Fellows, and 38 NSF CAREER Award winners. CICS research encompasses all major technical specializations across the profession and serves as the focal point for interdisciplinary computing research at UMass Amherst, with affiliated research centers such as the Center for Intelligent Information Retrieval, the Center for Data Science, the Center for Smart and Connected Society, the Computational Social Science Institute, and the Cybersecurity Institute, and the NIH-funded Massachusetts AI and Technology Center for Connected Care in Aging and Alzheimer's Disease. More information about the college and its revolutionary vision for computing research and education can be found at cics.umass.edu.

The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.

The University of Massachusetts Dartmouth

Assistant/Associate Professor Position in Computer and Information Science

The University of Massachusetts Dartmouth is seeking applications for tenure-track faculty positions at the Assistant or Associate Professor level in the Department of Computer and Information Science. Positions are available starting in either January 2025 or September 2025. We are particularly interested in candidates specializing in artificial intelligence (AI) and software engineering. The department has growing expertise and a strong interdisciplinary focus on various aspects of robust and secure AI, mission-critical software, and distributed software engineering. Areas of interest include, but are not limited to, natural language processing, cybersecurity, computer vision, robotic process automation, multi-agent systems, formal methods, automated software testing, knowledge-based software engineering, and blockchain technologies. More information about the CIS Department can be found at *https://www.umassd.edu/engineering/cis/*

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. Candidates must be authorized to work in the US on a full-time basis.

Screening of complete applications will begin September 13 and will continue until the position is filled. Further information and application instructions are available at *https://careers.umassd.edu/dartmouth/en-us/job/524154/*

University of Massachusetts Dartmouth

Teaching Professor Position in Computer and Information Science

The University of Massachusetts Dartmouth is seeking applications for Teaching Professor positions in the areas of artificial intelligence, software engineering, computer game design or related field in computer science starting in either January 2025 or September 2025. The appointment level will be made commensurate with experience. This is a 9-month, non-tenure-track position with primary responsibilities for undergraduate and graduate classroom and online instruction, undergraduate advising, and university service. More information about the Computer and Information Science Department can be found at

https://www.umassd.edu/engineering/cis/

Candidates must have earned a master's degree in computer science or closely-related field at the time of employment, have experience with teaching at the college level, possess excellent communication skills, demonstrate a strong commitment to teaching excellence as well as diversity and inclusion, and be authorized to work in the U.S. on a full-time basis.

Screening of complete applications will begin September 23 and continue until the positions are filled. Further information and application instructions are available at *https://careers.umassd.edu/en-us/job/524459/*

University of Michigan

Computer Science and 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 1, 2024 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 500 graduate and 3000

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/*.

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.

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-2023-2024/*

Employment will require a criminal background check and may require an institutional reference check regarding any misconduct. If an institutional reference check is necessary, candidates will be required to submit a self-disclosure form as well as an authorization to release information form.

The University of Michigan is an equal opportunity/affirmative action employer, and is responsive to the needs of dual career families.

University of Mississippi

Tenure-Track Assistant/Associate Professor Openings, University of Mississippi

The Department of Computer and Information Science at the University of Mississippi invites applications for two tenure-track faculty positions at the Assistant or Associate Professor level. Applicants must have a Ph.D. in Computer Science or a related field by the time of appointment. Responsibilities include teaching, researching computer security or related areas, and supervising graduate students. Exceptional candidates in other research areas are also welcome. Dual-career couples are encouraged to apply. Apply online at *https://careers.olemiss.edu* with the required documents in a single PDF. The review begins immediately.

Contact Dr. Feng Wang at *fwang@olemiss.edu* for more information.

The University of Mississippi has been rated a "Great College to Work For" by the Chronicle of Higher Education.

University of Nebraska - Lincoln

Assistant Professors of Practice

The Jeffrey S. Raikes School of Computer Science and Management and the College of Engineering, School of Computing (SoC) at the University of Nebraska-Lincoln are seeking applications for two non-tenure track teaching faculty positions at the rank of assistant professor of practice to begin fall 2025. These are 9-month, full-time, non-tenure track, career-oriented positions jointly appointed within the Raikes School and the SoC. The initial appointment for these teaching-focused positions is for a term of up to three years, with the opportunity for future multi-year renewals.

The new faculty members will teach a variety of computer science, software engineering, and data science courses for the Raikes School and the School of Computing. Course assignments may include introductory courses, foundation courses, advanced undergraduate courses, and capstone project supervision. The teaching load will be six classes per year. Supervision of capstone team projects may count towards two of the classes. Half of the classes will be taught in the Raikes School, and the balance will be taught in the School of Computing.

Complete details and application instructions can be found at *https://employment.unl.edu*, requisition F_240153. Review of application materials will begin November 11, 2024 and continue until the positions are filled. After review of applications begins, those with any missing required documents may not be given full consideration.

As an EO/AA employer, the University of Nebraska considers qualified applicants for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See *https://equity.unl.edu/notice-nondiscrimination*/.

University of Nebraska at Omaha

Assistant Professor – Cybersecurity

The School of Interdisciplinary Informatics in the College of Information Science and Technology invites applicants for a tenure-track assistant professor in Cybersecurity, starting Fall 2025.

Qualifications:

Ph.D. in Cybersecurity, Computer Science, Information Technology, or a similar field with a Cybersecurity research area

Responsibilities Include:

- Teaching courses that align with the program's goals and objectives.
- Engaging in cybersecurity research

- Supervising and mentoring graduate students at both master's and doctoral levels.

Why choose CYBR at UNO?

- Accreditation: The Cybersecurity program (or CYBR for short) at UNO is an NSA designated Center of Academic Excellence (CAE) in Cyber Defense (CD) and Cyber Operations (CO), a combination held by only a handful of universities nationwide.
- Impact and growth: The CYBR program at UNO is growing and increasing its impact. Highlights include:
- Over $10M in federal grant funding secured in the past 5 years.
- A vibrant academic community of 6 tenure-track faculty, 3 dedicated full-time instructors, 282 undergraduates, 54 master's candidates, and a diverse group of students in minors, multidisciplinary studies, and graduate certificates. This represents a 20% average year-over-year growth rate since our inception, from 30 students in 2009 to 336 now.
- A groundbreaking curriculum offering both traditional and fully online degree options, catering to a wide array of students, including active-duty military and working professionals.

Visit *https://unomaha.peopleadmin.com/postings/21159* to apply. Review of applications will begin on November 1, 2024, and will continue until the position is filled. For questions about the position, please contact Dr. Matt Hale, Director, School of Interdisciplinary Informatics at *mlhale@unomaha.edu* or Dr. Bill Mahoney, Professor of Cybersecurity and hiring

committee chair, at *wmahoney@unomaha.edu*.

The University and the College of Information Science & Technology have a strong commitment to achieving diversity among faculty and staff. The University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation in its programs, activities, or employment. UNO is a VEVRAA Federal Contractor and an E-Verify employer.

University of North Florida

Assistant/Associate Professor of Computing

University of North Florida's School of Computing is seeking to hire multiple tenure and non-tenure track faculty at the Assistant / Associate Professor and Instructor levels. For more information visit: *https://unf.wd5.myworkdayjobs.com/unfjobs*. UNF is an Equal Opportunity Employer and does not commit or permit discrimination or harassment on the basis of genetic information, race, color, religion, age, sex, disability, gender identity/expression, sexual orientation, marital status, national origin, or veteran status in any educational, employment, social, recreational program or activity that it offers. Applicants in need of reasonable accommodations to participate in the search under the ADA should call (904) 620-2870.

RF-SMART and Morales Family Director of the School of Computing

UNF's College of Computing, Engineering & Construction seeks a strategic leader to serve as the next **RF-SMART and Morales Family Director of the School of Computing**.

The School of Computing is one of three units that comprise CCEC and the Director reports to the Dean of CCEC.

WittKieffer is assisting UNF in this search.

To apply, submit a nomination, or inquire, please email: UNFComputingDirector@wittkieffer.com.

For more information, please visit: https://apptrkr.com/5664079

The priority deadline is November 4, 2024.

University of Oregon

Assistant Professor of Computer Science

The University of Oregon's Department of Computer Science is hiring two tenure-track Assistant Professors in Cybersecurity and Programming Languages for Fall 2025. Submit materials (cover letter, CV, research, teaching, and DEI statements, and three references) via *https://academicjobsonline.org/ajo/jobs/27877/apply*

Review starts November 1, 2024. Join our growing department committed to inclusive excellence and interdisciplinary innovation!

University of South Alabama

Tenure Track Assistant or Associate Professor and Non-Tenure Track Instructor Ranks to Teach in Areas of Cybersecurity, Information Systems, and Information Technology

The School of Computing at the University of South Alabama is hiring for multiple faculty positions in Cybersecurity and Information Systems & Technology. We seek candidates at the tenure track Assistant or Associate Professor and non-tenure track Instructor ranks to teach in areas of cybersecurity, information systems, and information technology. Tenure track applicants must hold a Ph.D. in Information Systems, Information Technology, or a closely related field from a regionally accredited institution. Applicants for the non-tenure track Instructor position must possess a minimum of an MS in Information Systems, Information Technology, or a closely related field. For more information and application instructions visit *https://www.southalabama.edu/departments/academicaffairs/facultyposition.html*.

University of Southern California

(Open Rank) Lecturer, Senior Lecturer, Associate Professor, or Professor of Practice of Computer Science

Viterbi School of Engineering Faculty Los Angeles, California

The Thomas Lord Department of Computer Science (*http://cs.usc.edu*)

at the new USC School of Advanced Computing (*http://sac.usc.edu*) in our USC Viterbi School of Engineering (*https://viterbischool.usc.edu/*) is in a period of significant and sustained faculty growth. As part of its growth strategy, the department is currently focused on attracting strong, dynamic candidates for teaching faculty positions at the rank of Lecturer or higher.

This effort aligns with USC's $1 billion Frontiers of Computing initiative, the largest, most comprehensive academic initiative in the university's history (*http://computing.usc.edu*). The initiative has already resulted in the creation of the new USC School of Advanced Computing, which aims to advance computing research and expand USC's presence in Silicon Beach, L.A. County's tech corridor. Our CS department is also moving to a new home: the Dr. Allen and Charlotte Ginsburg Human-Centered Computation Hall, a state-of-the-art, seven-story facility, inaugurated on September 17, 2024.

The teaching faculty positions 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 USC Viterbi School of Engineering 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 an earned 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 or Senior 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., Associate Professor of Practice or Professor of Practice).

Applicants should submit their applications at (*USC Careers Website*).

Applications must include a cover letter, a detailed curriculum vitae, and the 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. Applicants are strongly encouraged to include evidence, if

available, of their teaching effectiveness (e.g., student and/or peer evaluations). Applications should be submitted by November 15, 2024, 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 213 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, 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 $177 million annually. With 52 tenure-track, 27 research faculty, and 16 teaching faculty, the USC Thomas Lord 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:

Lecturer: $98,000 - $114,000
Senior Lecturer: $115,000 - $132,000
Associate Professor of Engineering Practice: $136,000 - $160,000
Professor of Engineering Practice: $165,000 - $200,000
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

Associate and Full Professor of Computer Science
USC Viterbi School of Engineering Faculty
Los Angeles, California

The Thomas Lord Department of Computer Science (*http://cs.usc.edu*) at the new **USC School of Advanced Computing** (*http://sac.usc.edu*) in our USC Viterbi School of Engineering (*https://viterbischool.usc.edu/*) is in a period of significant and sustained faculty growth. As part of its growth strategy, the department is currently focused on attracting strong, dynamic mid-career and

senior-level candidates who are interested in enhancing the department's profile.

This effort aligns with USC's **$1 billion Frontiers of Computing initiative**, the largest, most comprehensive academic initiative in the university's history (*http://computing.usc.edu*). The initiative has already resulted in the creation of the new USC School of Advanced Computing, which aims to advance computing research and expand USC's presence in Silicon Beach, L.A. County's tech corridor. Our CS department is also moving to a new home: the Dr. Allen and Charlotte Ginsburg Human-Centered Computation Hall, a state-of-the-art, seven-story facility, inaugurated on September 17, 2024.

Outstanding candidates at Associate and Full Professor ranks from all areas of computer science will be considered. The USC Viterbi School of Engineering 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. Outstanding senior applicants who have demonstrated academic excellence and leadership and whose past activities document a commitment to issues involving the advancement of women in science and engineering may also be considered for the Lloyd Armstrong, Jr. Endowed Chair, which is supported by the Women in Science and Engineering (WiSE) Program endowment.

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*.

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 10, 2025. 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 213 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, 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 $177 million annually. With 52 tenure-track, 27

research faculty, and 16 teaching faculty, the USC Thomas Lord 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:

- Associate Professor: $153,000 - $180,000
- Professor: $185,000 - $250,000

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 Sydney

0124839 Multiple Continuing (Tenure-Track) Academic Positions, School of Electrical and Computer Engineering

The School of Electrical and Computer Engineering at the University of Sydney, invites applications for several academic positions at all levels with demonstratable strong research experience in, but not limited to, the following areas:

- Microelectronics and Nanoelectronics
- Design Automation
- Signal Processing
- Machine Learning and Artificial Intelligence
- Embedded and Cyber-physical Software Systems
- Trustworthy Intelligent Systems
- Real-time Software Systems
- Software Engineering
- Software Security and Dependability
- Hardware and Software for Robotics

All positions are full-time, continuing (tenure-track) roles based in Sydney. Please apply via University of Sydney Careers website by 11:59pm, 2 December 2024

Link: *https://usyd.wd3.myworkdayjobs. com/en-US/USYD_EXTERNAL_CAREER_ SITE/job/Multiple-Continuing--Tenure-Track--Academic-Positions--School-of-Electrical-and-Computer-Engineering--The-University-of-Sydney_0124839-1*

University of Texas at Austin

Postdoctoral Fellow

Purpose

Project Affiliation: Army Contract for AI-Driven Network Optimization

About the Project: This exciting opportunity at the University of Texas at Austin involves working on a cutting-edge AI networking project under the guidance of Professor Chandrajit Bajaj. The project focuses on developing Predictive Intelligent Networking (PIN) agents, employing advanced AI techniques for rapid response decision-making in predictive intelligent communication networks. Our innovative approach centers on enhancing network efficiency, reducing overhead traffic, automating PACE communications planning, and improving scalability in challenging environments. Our project is dedicated to crafting advanced machine-learning algorithms specifically designed for network optimization and security challenges. Through rigorous real-world simulation scenarios, we aim to deliver robust solutions that excel in environments with incomplete or uncertain data. This role offers the chance to be part of a pioneering effort to create generic solutions for heterogeneous Army networks, working within the confines of existing network protocols.

Responsibilities

- Collaborate in the conceptualization and development of theoretical frameworks to underpin AI-driven network optimization.

- Engage in the design and iterative refinement of AI agents with a special focus on traffic prioritization and network adaptability.

- Play a pivotal role in controlled scenario testing, contributing to rigorous result analysis and validation.

- Support the research team by assisting in the preparation of detailed technical reports and presentations that demonstrate project milestones and insights.

Required Qualifications

- Ph.D. in Computer Science, Computer Engineering, Computational Applied Mathematics, or a related discipline within the last 3 years

- Experience with statistical AI/machine learning methodologies, particularly those applicable to graph and network optimization.

- Proven ability in Python programming and familiarity with particle filters and graph neural network simulation tools and environments.

- A strong propensity for innovative thinking coupled with a disciplined approach to research and collaboration.

Preferred Qualifications

- Publications or significant contributions to the field of AI, machine learning, or networking.

- Experience with interdisciplinary research and collaborative projects.

- Familiarity with military or defense communication systems is a plus.

Salary Range

$70,000 + depending on qualifications

Required Materials

- Letter of Interest

- Research Statement

- Resume/CV

- Arrange at least three (3) confidential reference letters be sent to *DBGapplications@cs.utexas.edu*

- Proof of Ph.D. in Computer Science, AI, Networking or a related discipline earned within the last three years.

General Notes:

Must be eligible to work in the United States on a full-time basis without sponsorship. Position expected to continue until March 1, 2027.

University of Texas at Dallas

Assistant/Associate/Full Professor (Open Rank) Positions in 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 five tenure-system open rank faculty positions. 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, intelligent transportation, smart health, IoT, cyber physical systems, and computational chemistry are also encouraged to apply. Applicants seeking an Associate or Full Professor position should have a strong record of publications and external funding, commensurate with the rank. Teaching responsibilities 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 professional communities.

The appointment commences for the fall 2025 semester.

Qualifications

Minimum Education and Experience: A PhD 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.

Preferred Education and Experience: a PhD in Computer Science, Software Engineering, or a closely related discipline.

The Department/School

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,000 students, and offers B.S., M.S., and Ph.D. degrees in both Computer Science and Software Engineering. It also offers joint degrees in Data Science, Computer Engineering, and Telecommunication Engineering. The department is home to 54 tenure track faculty, including 18 NSF CAREER awardees. 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, net centric software, AI, and machine learning.

Application Instructions

Applicants should upload the following via the *online application*:

- 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 (four references for Associate Professor and Full Professor applicants).

Review of completed applications will start on 10/01/2024. Reviews will continue until the positions are filled or the search is closed on 05/01/2025.

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 30,000 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

Tenure-Track Assistant Professor Positions in 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. We expect to make up to seven appointments 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, intelligent transportation, smart health, IoT, cyber physical systems, and computational chemistry are also encouraged to apply. Teaching responsibilities 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 professional communities.

The appointment commences for the fall 2025 semester.

Qualifications

Minimum Education and Experience: A PhD 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.

Preferred Education and Experience: a PhD in Computer Science, Software Engineering, or a closely related discipline.

The Department/School

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,000 students, and offers B.S., M.S., and Ph.D. degrees in both Computer Science and Software Engineering. It also offers joint degrees in Data Science, Computer Engineering, and Telecommunication Engineering. The department is home to 54 tenure-track faculty, including 18 NSF CAREER awardees. 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 the areas of cyber security, human language technology, net centric software, AI, and machine learning.

Application Instructions

Applicants should upload the following via the *online application*:

- 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.

Review of completed applications will start on 10/01/2024. Reviews will continue until the positions are filled or the search is closed on 05/01/2025.

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 30,000 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).

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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).

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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.

The University of Tulsa

Tenure or Tenure Track Faculty- Artificial Intelligence

The Tandy School of Computer Science within the College of Engineering and Computer Science (ECS) invites applications for tenured or tenure-track faculty positions at the assistant, associate, or full professor level with expertise in areas related to new frontiers in theoretical and applied Artificial Intelligence. Areas of particular interest include deep learning, machine learning, large language models, computer vision, natural language processing, and human-AI collaboration. The successful applicant will be required to teach, advise, and mentor graduate and undergraduate students; develop a strong, independent, and externally funded research program; contribute to improving the quality and reputation of the department locally, nationally, and internationally; and serve the college, the university, and the discipline. Excellence in written and verbal communication is essential.

Applicants must have earned a doctorate in Computer Science or a related discipline. Information on the department can be found at *http://utulsa.edu/academics/ engineering-computer-science/ departments/computer-science/*. Additional relevant experience, including industrial and research lab tenures, is encouraged. A strong track record of impact and leadership in AI is expected of applicants for senior positions.

Applicants should submit the following documents through TU's online applications portal (*https://universitytulsa. peopleadmin.com/postings/9616*): (1), a cover letter, (2) a CV, (3) a teaching statement, (4) a research statement, and (5) a list of three to five references that include postal addresses, phone numbers and email addresses. Application reviews will begin on November 15, 2024, and will continue until all positions are filled. It is anticipated the appointment will begin in the Fall 2025 semester.

The University of Tulsa

Tenure or Tenure Track Faculty- Statistics

The Mathematics Department, in collaboration with the Tandy School of Computer Science within the College of Engineering and Computer Science (ECS) invite applications for tenured or tenure-track faculty in Statistics, with research interests in areas such as data science, mathematical statistics, statistical machine learning and artificial intelligence, stochastic processes, or closely related data-centric topics. The successful

candidate will be integral to the success of the new Data Science program at TU.

Faculty in this role are required to teach, advise, and mentor graduate and undergraduate students; develop a strong, independent research program, develop a national reputation; and serve the college, the university, and the discipline. The department of appointment for this position is open and could include a joint appointment. We encourage competitive applications by candidates from a range of technical disciplines including but not limited to mathematics, computer science, and adjacent areas of study.

Applicants should submit the following documents through TU's online applications portal (*https://universitytulsa.peopleadmin.com/postings/9739*): (1) a cover letter, (2) a CV, (3) a teaching statement, (4) a research statement, and (5) a list of five references that include postal addresses, phone numbers, and email addresses. Full consideration will be given to applications received by January 1, 2025. Applications received after that date may be considered until the position is filled. It is anticipated that the appointment will begin in the Fall 2025 semester.

University of Utah

*Assistant Professor in Games
(AI, HCC, Perception and Cognition, Games-based Learning)*

The Division of Games at the University of Utah invites applications for multiple tenure-track Assistant Professor positions in Games to begin Fall 2025. We seek applicants with expertise in at least one of the following games research areas:

(1) Artificial Intelligence (AI);
(2) Human-Centered Computing (HCC);
(3) Perception and Cognition (P&C);
(4) Games-Based Learning (GBL)

Successful candidates will share our vision of the power that games hold to transform players, groups, and society. Hires are part of a significant, multi-year commitment for faculty growth in the Division of Games.

Note: we are committed to recruiting, welcoming, and supporting undergrad and graduate students, postdocs, scientists, staff, and faculty with a broad range of backgrounds and expertises. 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. at the time of hire in a discipline relevant to the area (AI, HCC, Perception and Cognition, and/or Games-Based Learning) for which they wish to be considered. Candidates must be able to demonstrate (1) an excellent and sustained record of research and scholarly productivity, (2) evidence of the potential or demonstrated ability to generate extramural funding, commensurate with their career stage, and (3) commitment to the teaching and mentoring of undergraduate and graduate students.

Preferred qualifications:

Preference will be given to candidates who, in addition to meeting the necessary qualifications, 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.

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 plurality 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 other departments within our College of Architecture and Planning, as well as the School of Medicine, the Colleges of Education, Humanities, Science and Engineering, 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 being a responsible member of our campus and professional community, and we strive to recruit and support faculty committed to acting in furtherance of our unit's values.

Interested candidates may view these values by visiting *https://games.utah.edu/utah-games-values/*

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's 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

THE UNIVERSITY OF UTAH®

Associate Professor/Professor in Computational Oncology

SENIOR FACULTY POSITION IN COMPUTATIONAL ONCOLOGY PRN01237CF

The Scientific Computing and Imaging (SCI) Institute at the **University of Utah** is pursuing **multiple new faculty hires** over the next 3 years. These hires will expand the core research expertise at the SCI Institute, further enhance its strong research reputation in scientific, information, and biomedical visualization; image and data analysis; and interdisciplinary scientific computing. A major goal is to attract new partnerships across the University and beyond. Candidates whose research expertise integrates social and technical aspects are of particular interest.

This specific recruitment is for a **senior-level tenure track faculty position** within the **SCI Institute** as part of a faculty Cluster in **Computational Oncology (CCO)**. Advanced computing, data science, imaging, and visualization are central to solving fundamental problems in cancer research and care. CCO is a highly innovative collaboration between Huntsman Cancer Institute, the University of Utah's Comprehensive Cancer Center and the SCI Institute at the University of Utah. Together we leverage our internationally renowned research strengths to make lifesaving advances in the prevention, detection, diagnosis, and treatment of cancer.

Initial hires as part of the CCO consist of two senior positions, including 1) the Senior Director for Data Science at Huntsman Cancer Institute in the Department of Oncological Sciences (hired in 2022) and 2) this position, a Computational Oncology leader within the SCI Institute. The academic home will be within a department in the College of Engineering, Medicine, or Science. These two senior hires will be followed by multiple junior faculty positions.

For the Computational Oncology leader position, the SCI Institute is looking for an established researcher at the Associate or Full Professor level in an area that aligns with SCI's core research thrusts, i.e., scientific, information, and biomedical visualization, image and data analysis, and interdisciplinary scientific computing, with demonstrated leadership in applications to Oncology. Candidates whose research expertise integrates social and technical aspects are of particular interest. The successful candidate is expected to help coordinate joint initiatives, proposals, and faculty recruitment between the SCI Institute and HCI including the Computational Oncology Research Initiative (CORI) and other Cancer Informatics initiatives. The faculty member is expect ed to become a Cancer Center member, and as appropriate, may be considered for an adjunct position in the Department of Oncological Sciences.

All candidates are invited to submit a curriculum vitae, a cover letter containing a description of professional experience (including scientific accomplishments, leadership responsibilities and 3 references), a research plan (3 pages), teaching strategy (1 page), to the University of Utah HR.

Applicants should describe their vision for interdisciplinary, computational oncology research leadership within the context of the SCI Institute's mission of multidisciplinary bridge building (http://www.sci.utah.edu/the-institute/bridges.html), especially collaborations within the Huntsman Cancer Institute.

You can apply to this position at: https://apptrkr.com/5684713

For additional questions please contact Chris Johnson (crj@sci.utah.edu) Search Committee Chair.

Additional information about the SCI Institute can be found at http://www.sci.utah.edu.

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/170621*

University of Utah

Associate Professor/Professor in Games (AI, HCC, Perception and Cognition, and/or Games-Based Learning)

The Division of Games at the University of Utah invites applications for multiple tenure-track / tenured positions in Games at the Associate and Full Professor levels to begin Fall 2025. We seek established scholars with demonstrated expertise in at least one of the following games research areas:

(1) Artificial Intelligence (AI);
(2) Human-Centered Computing (HCC);
(3) Perception and Cognition (P&C);
(4) Games-Based Learning (GBL)

Successful candidates will share our vision of the power that games hold to transform players, groups, and society. This hire 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 undergrad and graduate students, postdocs, scientists, staff, and faculty with a broad range of backgrounds and expertise. 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. at the time of hire in a discipline relevant to the area (AI, HCC, Perception and Cognition, and/ or Games-Based Learning) for which they wish to be considered. Because this specific recruitment is for a senior-level tenure-track/tenured position, candidates must be able to demonstrate (1) an excellent and sustained record of research and scholarly productivity, superior scholarly achievement, and impact, (2) evidence of an active, extramurally-funded research program commensurate with their career stage, and (3) an effective and sustained record of teaching and mentoring undergraduate and graduate students, and other faculty.

Preferred qualifications:

Preference will be given to candidates who, in addition to meeting the necessary qualifications, can demonstrate (1) leadership in some combination of university, public, and professional settings, and (2) commitment to enhancing the work of the Division in shaping the future of our unit as a scholarly community toward a vision of sustainable growth and disciplinary breadth in games.

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 plurality 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 other departments within our College of Architecture and Planning, as well as the School of Medicine, the Colleges of Education, Humanities, Science, and Engineering 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 being a responsible member of our campus and professional community, and we strive to recruit and support faculty committed to acting in furtherance of our unit's values. Interested candidates may view these values by visiting *https://games.utah. edu/utah-games-values/*.

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 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/171528*

University of Virginia

Open Rank Tenured or Tenure-Eligible Position in Computer Science

University of Virginia: UVA Provost's Office: School of Engineering and Applied Science: Computer Science

Location

Charlottesville, VA

Open Date

September 12, 2024

Description

The Department of Computer Science (CS) at the University of Virginia (UVA) seeks five 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. We welcome applications in all areas of CS. We are especially seeking to hire in areas that connect with human-computer interaction, computer vision, databases, programming languages, compilers, operating systems, and the UVA Precision Health Initiative (PHI).

The primary responsibilities for all 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.

Our department is proud to have a strong culture of collaboration and collegiality and is committed to providing the kind of diverse and inclusive environment necessary to solve the next generation of research challenges. We currently have substantial strengths in algorithms and theory; artificial intelligence; computer systems; cyber-physical systems/robotics/internet of things; human-computer interaction; security and privacy; and software engineering and languages. We are looking to add talented faculty to grow our existing strengths and expand our areas of research.

CS plays a significant role in UVA's major investments in grand-challenge initiatives, including precision health, as well as infectious disease, biotechnology, neuroscience, and digital technology and democracy. The CS Department is a founding member of the Link Lab, a multi-disciplinary research center that brings together five Engineering departments for research on cyber-physical systems, the internet of things, and robotics and autonomous systems. CS faculty lead UVA's Biocomplexity Institute, a recent winner of an NSF Expedition on Computational Epidemiology. Faculty also have numerous research collaborations across UVA's highly ranked schools of Engineering, Data Science, Medicine, Nursing, Law, Public Policy, and Arts & Sciences.

The PHI is a multi-school, multi-department cluster hire supporting transdisciplinary research and training to optimize health outcomes for individuals and entire populations. The University is recruiting multiple faculty in this initiative, and recruits associated with this initiative will receive support from the Provost and from their school and will have strong participation in the PHI. (*https://research.virginia.edu/grand-challenges-precision-medicinehealth/precision-health-initiative-phi*).

CS offers Ph.D. and Masters degrees through the School of Engineering, and offers bachelor's degrees in both Engineering and the College of Arts & Sciences. CS also collaborates with the Department of Electrical & Computer Engineering to jointly administer our Computer Engineering undergraduate and graduate programs.

UVA is a highly selective undergraduate and graduate institution that annually ranks as one of the premier public

universities in the United States, with one of the highest graduation rates in the nation. UVA is situated in Charlottesville, Virginia, a picturesque and vibrant small city consistently recognized as one of the nation's top places to reside. UVA's location offers proximity to Washington D.C., enriching opportunities for collaboration and engagement with numerous federal organizations. More information about the city, the school, faculty benefits and other topics can be found at *https://hr.virginia.edu/careers-uva/why-uva*.

The University of Virginia also offers confidential Dual Career Services to partners of faculty candidates who have been invited to an on-campus interview. To learn more, please visit *dualcareer@virginia.edu*

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*

Review of applications will begin on November 15, 2024, and we will continue to review applications 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*.

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.

Application Instructions

Apply for this *position in Interfolio*. 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 and indicate it in the appropriate Interfolio application field

- In Interfolio and in your cover letter, indicate whether you are applying to the regular CS positions, the PHI position, or both

- 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, using Interfolio's Dossier. These reference requests will be generated immediately once you submit your application, or if these letters have already been submitted to your Interfolio Dossier, they will be immediately attached to your application.

The University of Virginia offers confidential Dual Career Services to partners of incoming faculty candidates. To learn more, please visit *dualcareer.virginia.edu*

University of Washington Bothell

Assistant Professors — Computing and Software Systems (Multiple)

University of Washington Bothell School of STEM's Division of Computing & Software Systems invites applications for multiple tenure track positions at the rank of Assistant Professor. The successful candidates will join our faculty on a full-time basis for a nine-month academic year appointment beginning September 16, 2025. Candidates will be considered across a wide range of research and teaching areas, including but not limited to: software engineering, cybersecurity, cloud computing, artificial intelligence,

systems architecture, embedded systems, Internet of Things, and human-computer interaction. Applications received by December 1, 2024 will receive full consideration. For the complete position description and application, please visit: *https://ap.washington.edu/ahr/position-details/?job_id=148777*.

University of Washington Bothell

Assistant Teaching Professors – Computing and Software Systems (Multiple)

University of Washington Bothell School of STEM's Division of Computing & Software Systems invites applications for multiple teaching track positions at the rank of Assistant Teaching Professor. The successful candidates will join our faculty on a full-time basis for a nine-month academic year appointment beginning September 16, 2025. Candidates will be considered across a wide range of teaching interests, including but not limited to: computer science education, software engineering, cybersecurity, cloud computing, artificial intelligence, systems architecture, embedded systems, Internet of Things, human-computer interaction, technical communications, ethics, and business of computing. Applications received by November 15, 2024 will receive full consideration. For the complete position description and application, please visit: *https://ap.washington.edu/ahr/position-details/?job_id=148779*.

University of Washington Tacoma

Assistant Professor in Information Technology

The School of Engineering and Technology at the University of Washington Tacoma invites applications for two tenure-tenure track faculty positions at the rank of Assistant Professor in Information Technology starting September 16, 2025.

An earned Ph.D. (or foreign equivalent) in Information Technology or a related field is required by the time of appointment. In exceptional circumstances, candidates in the final stages of the Ph.D. (pending conferral) may be selected and appointed on an acting basis.

Position URL: *http://apply.interfolio.com/156043*

University of Washington Tacoma

Assistant Professor of Computer Science and Systems

The University of Washington Tacoma invites applications for a Tenure-Track Assistant Professor of Computer Science and Systems in the School of Engineering and Technology starting September 16, 2025. An earned Ph.D. (or foreign equivalent) in Computer Science or a closely related field is required by the time of appointment.

More details can be found at *http://apply.interfolio.com/156015*.

University Of Washington Tacoma

Assistant Professor of Electrical and Computer Engineering

The University of Washington Tacoma (UWT) invites applications for a Tenure-Track Assistant Professor of Electrical and Computer Engineering (ECE) in the School of Engineering and Technology (SET).

The Assistant Professor of ECE's research area is open within Computer Engineering broadly interpreted. Expertise in machine learning/AI is desirable but not required for consideration.

For more information: *http://apply.interfolio.com/154504*

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 multiple positions in data management and data systems, with focus on data science and data intelligence. The School also invites applications for multiple positions in other areas of computer science, including, but not limited to, algorithms and complexity, bioinformatics, machine learning and computer vision, and computer systems and architecture.

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. All successful applicants are expected to engage actively in graduate student supervision and teaching, contribute to the overall development of the School, and be, or 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 $150,000 – $180,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. The anticipated start date is July 1, 2025; however, alternate start dates may be negotiated.

The David R. Cheriton School of Computer Science is the largest computer science school in Canada, with 113 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 apply, 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, 2024, 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-Madison

Assistant/Associate/Full Professor

The Department of Risk and Insurance at the Wisconsin School of Business invites applications at all ranks (Assistant, Associate, Full Professors).

We are excited to add a thought leader who expands our expertise on the role of AI, with applications to topics in risk and insurance. Some potential areas of research focus we have identified include the regulation and ethics of AI, Insure-tech and evolving risk and insurance business models leveraging AI, and advances in actuarial techniques using AI and related technologies.

Interested applicants should review position requirements and apply at *https://jobs.wisc.edu/jobs/search?page=1&query=risk+and+insurance*

VANDERBILT UNIVERSITY

Founding Dean of the College of Connected Computing
Nashville, Tennessee

"Of all the factors shaping society, few are more influential than the rapid emergence of advanced computing, AI, and data science. To continue to carry out our mission, prepare all our students for their careers, and advance research across the university, Vanderbilt must contribute even more to the study, understanding, and innovative application of these fast-changing disciplines. Our aim is to make Vanderbilt a global leader in these fields, ensuring our continued academic excellence and capacity for world-changing innovation."
– Daniel Diermeier, Chancellor

Vanderbilt University, globally renowned for its transformative education and research, seeks an innovative leader and accomplished scholar to serve as the inaugural dean of a new College of Connected Computing, the university's first new college since 1981. Vanderbilt is forging a bold and distinct strategic path to meet the growing demand for degrees in technological fields and advance research in rapidly evolving computing-related disciplines. The inaugural dean will be afforded the unique opportunity to establish an interdisciplinary and cross-cutting college in an ambitious academic community focused on excellence, innovation, and bold ideas, as evidenced by the university's motto, Crescere aude or "dare to grow."

The new College of Connected Computing will collaborate with all of Vanderbilt's schools and colleges to advance breakthrough discoveries and strengthen computing education through a "computing for all" approach. Students will have the opportunity to learn and practice a fundamental set of core computing, analytics, data science, and AI competencies relevant to their disciplines and be positioned to leverage advanced computing effectively to address some of society's most pressing challenges. The new college will be resourced by a significant start-up investment to support the founding dean's work to shape and design the organizational structure as the college evolves over time, which will include the hiring of new faculty and staff during the college's foundational years. This will allow the university to expand on its groundbreaking discoveries at the intersections of computing and other disciplines and contribute even more to the study, understanding, and innovative application of fast-changing computing disciplines.

The founding dean will establish a college that aims to safeguard Vanderbilt's robust reputation for academic excellence, radical collaboration, and capacity for world-changing innovation. Working in partnership with colleagues throughout the university, the founding dean will build upon Vanderbilt's strong programs to catapult the university to the forefront of breakthrough discovery and innovation in key areas of computing across a wide range of disciplines that capitalize on advanced computational methods. In launching this new college, the inaugural dean will provide students with the highest-caliber educational opportunities at the intersection of these pathbreaking fields. The dean will advance a vision for connected computing at Vanderbilt and position the college as a hub of university collaboration and innovation through active listening and communication, managerial sophistication, financial acumen, interpersonal and political skills, effective fundraising, and commitment to inclusion and shared governance.

A search committee has been formed and will be supported in this recruitment by Isaacson, Miller, the national search firm.

Confidential inquiries, applications, and nominations may be sent in confidence to:
https://apptrkr.com/5694466

Vanderbilt University is an equal opportunity, affirmative action employer. Women, minorities, people with disabilities and protected veterans are encouraged to apply.

Professional Opportunities

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 2025. 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, Machine Learning, HPC, or VR/AR is preferred.

To apply go to: *https://jobs.villanova. edu/postings/29383*

Questions about the position can be directed to Dr. Mirela Damian at *mirela. damian@villanova.edu*.

Washington and Lee University

Tenure-Track Assistant Professor of Computer Science

The Department of Computer Science at Washington and Lee University invites applications for a tenure-track position at the rank of Assistant Professor of Computer Science beginning July 1, 2025. We seek candidates who demonstrate potential to be excellent teacher/scholars, are dedicated to effective teaching, and can mentor and collaborate with

undergraduates. Review begins October 15. For more information and to apply, see our position in Interfolio *http://apply. interfolio.com/153279*.

Washington University

Assistant, Associate/Full Faculty Positions in Data Visualization

The McKelvey School of Engineering at Washington University in St. Louis seeks to fill two tenure-track positions: one as Assistant and one as Associate or Full Professor rank in the Department of Computer Science & Engineering (CSE). We seek candidates whose research focuses on Data Visualization, Visual Analytics, and Human-Computer Interaction (particularly relating to visual data representation).

For the rank of Assistant, we seek candidates with exceptional research, teaching, mentoring, and funding promise and commitment to advancing the field of data visualization. The ideal candidate for the rank of Associate or Full will have outstanding teaching, publication, funding, and service records commensurate with tenure at that rank. We are particularly interested in candidates whose work can advance Washington University's mission to support interdisciplinary collaborations across diverse areas such as Engineering, Design, Psychology, and Medicine and leverage new advances in Artificial Intelligence for improved decision-making and data insights. Diversity and inclusion are core values at Washington University, and candidates should demonstrate the ability to create inclusive teaching and

research environments where diverse students can learn and thrive.

The CSE Department at Washington University is uniquely collegial and actively involved in a wide array of research endeavors, offering ample opportunities for interdisciplinary collaboration. Our key strategic themes involve collaborative efforts with the Sam Fox School of Design & Visual Arts, supporting the new STEM-designated Master of Design for Human-Computer Interaction and Emerging Technology program. Many of our faculty collaborate with the School of Social Work and Public Health, facilitated by a joint Ph.D. program under the Division of Computational and Data Science (DCDS). This program unites several departments with a shared interest in computational and data science. The impact of our work is further magnified through interdisciplinary collaborations with colleagues in our world-renowned School of Medicine.

Washington University is a private university with roughly 7,000 full-time undergraduates and 7,000 graduate students. It is nationally known for its student body's exceptional quality and attractive campus, which borders residential neighborhoods and one of the nation's largest urban parks. Many faculty walk or bike to work. St. Louis combines a Midwest cost of living with a vibrant metropolitan area, offering many cultural and entertainment opportunities.

Applications submitted by December 15, 2024, will be given priority consideration. Applicants must hold

a doctorate in Computer Science or a closely related field by the time of appointment. Qualified applicants should submit a complete application package through Interfolio at *https://apply.interfolio.com/153997*, including:

- A cover letter

- A curriculum vitae

- A research statement (not to exceed 3 pages plus bibliography)

- A teaching statement (not to exceed 2 pages plus bibliography)

- A diversity statement (not to exceed 2 pages plus bibliography)

- Shortlisted candidates will need to arrange for at least three letters of reference to be directly submitted on their behalf. For inquiries regarding the search, contact Alvitta Ottley, Chair of the Hiring Committee, at *alvitta@wustl.edu*.

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

Equal Employment Opportunity Statement Washington University in St. Louis is committed to the principles and practices of equal employment opportunity and especially encourages applications by those underrepresented in their academic fields. It is the University's policy to provide equal opportunity and access to persons in all job titles without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, protected veteran status, disability, or genetic information.

Wayne State University

Open Rank (Tenured or Tenure-Track) Faculty Positions in Computer Science

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 2025. For senior candidates, appointment with tenure is possible. Candidates working in Computer Systems including Networking, Distributed and Parallel Computing, Edge and Cloud Computing, Cyber-Physical Systems, Internet of Things, Software Engineering, and related areas are especially encouraged to apply. Outstanding candidates who could complement and enhance current department strengths in other areas will also be considered. 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/2299?c=waynetalent

and must include a cover letter, 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 Feb 28, 2025. Applications will be accepted until the positions are filled.

The Department of Computer Science at Wayne State has 24 tenure-stream faculty and 7 teaching faculty, with 5 NSF CAREER awards and over $2.5M in annual research expenditure. Currently, we have over 1200 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 diverse 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.

William & Mary

Assistant Professor and Assistant Teaching Professor

The Data Science Program at William & Mary invites applications for three faculty positions: one tenure-track Assistant Professor and two non-tenure track, renewable Assistant Teaching Professors. The Assistant Professor position requires expertise in areas like natural language processing, data visualization, or generative AI. The successful candidate will teach one course per semester, conduct research, and mentor Ph.D. students. The Assistant Teaching Professor positions involve a 3-3 teaching load with expertise

in AI, machine learning, or big data technologies. For details and to apply, visit: *Assistant Professor* and *Assistant Teaching Professor*.

William & Mary

Assistant Professor of Computer Science

The Department of Computer Science at William & Mary, a public university of the Commonwealth of Virginia, seeks applications for a tenure-track position at the Assistant Professor level to begin August 10, 2025. We are particularly interested in the areas of quantum information science, computer systems, and human-centered computing but exceptional applicants from all areas of computer science are encouraged to apply.

Duties include research, teaching, and service to the University. The applicant is expected to establish and maintain a high-quality research program, publish research results in top venues, teach at the undergraduate and graduate levels, supervise graduate and undergraduate research, and attract external funding to support their research activities. The department also values collaborations and the synergistic potential of a candidate's research within the department and the University's strategic vision. Teaching expectation is one course per semester.

Located in the center of historic Williamsburg and known as a public Ivy, William & Mary is consistently ranked in the elite group of the Best National Universities-Doctoral by U.S. News and World Report and is committed to a multi-

year effort to significantly strengthen and expand its computer science research program. As of August 2025, Computer Science will transition to the new School of Computing, Data Sciences, and Physics. The department has been rising in national rankings of graduate CS departments and has been the home of multiple NSF and DOE CAREER Awards. The department offers B.S., M.S., and Ph.D. programs. Opportunities for collaboration exist across the university, with nearby NASA Langley, and DOE's Jefferson Lab in a variety of research areas. More information about the department can be found at *https://www.cs.wm.edu*.

Apply Online at *http://jobs.wm.edu/postings/62139*

Yale University

Associate/Full Professor, Artificial Intelligence/Natural Language Processing

After *recent phenomenal growth* within the Yale Computer Science Department as part of the *Yale Science Strategy* and Yale's *landmark investments in engineering*, Yale School of Engineering and Applied Science invites applications for a tenured faculty position at the rank of Associate or Full Professor in Computer Science to start July 1, 2025. We seek candidates working in Artificial Intelligence (AI), with a particular focus on Natural Language Processing (NLP) and Large Language Models (LLMs) or developments adjacent or complementary to LLMs. Yale has recently *unveiled a substantial initiative* to bolster its leadership in AI, allocating significant

funding to enhance Generative AI computing infrastructure, provide access to secure generative AI tools, and foster interdisciplinary collaboration. This strategic investment will solidify Yale's position at the forefront of AI research and innovation.

The successful candidate will lead a dynamic research program and play a pivotal role in shaping Yale's AI initiative, guiding research and teaching undergraduate/graduate courses in Computer Science, and fostering interdisciplinary collaborations within AI subfields and beyond. They should possess a stellar reputation in research and teaching, with an interest and ability to cultivate cross-disciplinary partnerships

including but not limited to those within Engineering and Applied Science, as well as across the university with the *Wu Tsai Institute*, *Foundations of Data Science Institute*, Digital Humanities, School of Medicine, or other adjacent departments such as, Linguistics and Statistics & Data Science. Yale provides a stimulating intellectual environment rich in opportunities for groundbreaking research and impactful teaching.

Ph.D. or equivalent degree at time of hire with an extensive and impactful publication record in top-tier NLP/ML/AI or related venues, a demonstrated track record of leadership, and making substantial contributions to the field.

Applications submitted by December 15, 2024 will be given full consideration. Applicants are asked to submit a cover letter, curriculum vitae, a teaching statement, a research statement, a service statement, and names of three references. For further information or inquiries about this position, please contact Alicia Vignola (*alicia.vignola@yale.edu*).

Please apply at: *https://apply.interfolio. com/154033*

Yale University is an Affirmative Action/ Equal Opportunity employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities.