COMPUTING RESEARCH NEWS

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

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CRN At-A-Glance

CRA Update: Convening the Community in Uncertain Times – Introducing the CRA Affinity Group Meetings

CRA is launching Affinity Group Meetings in July 2025 to connect leaders from like institutions, including large R1 universities, research-emerging institutions, liberal arts colleges, and MSIs. These virtual sessions will provide a dedicated space for collaboration, knowledge-sharing, and strategic discussions on common challenges in computing research. The meetings are open to CRA members, and non-members are encouraged to join by July 1, 2025, to participate. An in-person component is being considered for the 2026 CRA Summit. *Learn more on page 2*.

The Trump Administration's First Weeks in Office: Executive Orders, Other Actions, and Their Impact on the Computing Research Community

President Trump's initial executive orders include a temporary freeze on federal research funding, later rescinded amid legal challenges; the elimination of all federal DEI programs, affecting grants and hiring; and the revocation of Biden's AI Executive Order, with a new AI strategy in development. These actions have significant implications for computing research. *Read more on page 3*.

Announcing the 2025 CRA Undergraduate Research Faculty Mentoring Award Recipients

CRA has recognized Ryan Kastner (UC San Diego), Layla Oesper (Carleton College), and Blase Ur (University of Chicago) with the 2025 CRA Undergraduate Research Faculty Mentoring Award for their outstanding commitment to mentoring undergraduate researchers. Their efforts have guided students toward graduate study and impactful careers in computing. *Read more on page 5*.

In This Issue

CRA Update: Convening the Community in Uncertain Times – Introducing the CRA Affinity Group Meetings

By Tracy Camp, Executive Director and CEO, CRA

The computing research community is facing a period of profound uncertainty. Recent executive actions, including potential NSF budget cuts and restrictions on federally funded programs, raise serious concerns about the future of U.S. research leadership, workforce development, and innovation. As these policies evolve, CRA remains committed to advocating for the computing research community and ensuring that our institutions, researchers, and students continue to have the resources they need to thrive.

In our recent statement, NSF Budget Cuts Would Put the Future of U.S. Innovation and Security at Risk, we emphasize how reductions in NSF funding — responsible for nearly 80% of fundamental computing research at U.S. academic institutions — would have devastating consequences for American competitiveness, national security, and economic growth. A broader summary of executive actions and their potential impact on computing research appears in the next article in this issue of CRN.

Introducing the CRA Affinity Group Meetings

As CRA continues to support and advocate for the community, we also recognize the need to bring computing research leaders together to share knowledge, discuss challenges, and collaborate on solutions. To foster these connections, we are launching the **CRA Affinity Group Meetings** — a new opportunity for leaders from similar institutions to network, share experiences, and discuss common priorities.

The CRA Affinity Group Meetings will be held virtually in July 2025, bringing together representatives from **large RI universities, research-emerging institutions, liberal arts colleges, and minority-serving institutions (MSIs)**. These discussion-driven sessions will strengthen connections within each institutional group while also offering opportunities for cross-group engagement, enabling institutions to explore new partnerships and collaborative strategies.

Participation in the CRA Affinity Group Meetings is open exclusively to CRA member institutions. Each CRA member's primary contact may either attend personally or designate a representative to participate.

We also welcome institutions that are not yet CRA members but are interested in joining these discussions. If your unit would like to take part, we encourage you to explore CRA membership. Units that join by July 1, 2025, will be eligible to attend this year's meetings. To learn more about membership options, please reach out to me directly at ceo@cra.org.

If successful, we plan to continue this initiative in future years, with an in-person component at the 2026 CRA Summit (formerly the CRA Conference at Snowbird), taking place in Prior Lake, MN, July 21-23, 2026. Block your calendar for CRA's flagship biennial event!

Help Shape This New Initiative

We encourage CRA members to take an active role in shaping this new initiative. If you are interested in helping lead this new initiative and define these discussions, please fill out this interest form to be considered for a leadership role. Your insights and participation will help ensure these meetings are valuable, productive, and responsive to the needs of the computing research community.

Get Involved

Through collaboration and shared knowledge, the computing research community can remain strong in the face of uncertainty. CRA is committed to bringing our community together—to advocate, to support, and to ensure that computing research remains a driving force for progress in the U.S. and beyond.

The Trump Administration's First Weeks in Office: Executive Orders, Other Actions, and Their Impact on the Computing Research Community

CRA
Computing Research Association
Government Affairs

By Brian Mosley, Associate Director of Government Affairs

The first days of the new Trump Administration were marked by a series of executive orders and presidential actions, each with varying degrees of impact on the computing research community. On January 20, the administration's inaugural day, President Trump issued multiple executive orders, nearly all fulfilling campaign promises made during the 2024 election. Over the following weeks, additional orders and directives followed.

Understanding Executive Orders (EOs)

Executive orders are directives issued by the president to manage the operations of the federal government, specifically the executive branch departments and agencies. These orders carry the force of law and remain in effect until they are rescinded by the issuing administration or a succeeding one, or they are deemed unconstitutional by the courts.

The administration's initial executive orders covered a wide range of topics, including:

- Establishing the "Department of Government Efficiency"
- Instituting a federal hiring freeze and creating a new category of federal employees
- Ordering a review of all Biden Administration immigration policies

Each of these actions may affect the computing research community in both direct and indirect ways. We anticipate additional executive orders in the coming weeks.

At the same time, reports indicate that large-scale reductions in the federal workforce are planned, particularly at the National Science Foundation (NSF), where the administration is reportedly considering cutting 25% to 50% of its workforce and significantly reducing its budget. In response to these reports, CRA issued a statement on February 5, urging Congress to reject any proposed cuts to NSF.

Below are three executive orders or directives from President Trump that will directly impact the computing research community:

Funding Pause Memo

Late on January 27, the Trump Administration issued a memo titled "Temporary Pause of Agency Grant, Loan, and Other Financial Assistance Programs." The order, issued by the Office of Management and Budget (OMB), required all federal agencies to "temporarily pause all activities related to the obligation or disbursement of all Federal financial assistance." The stated purpose of this pause was to review agency programs and determine how best to align funding with the president's priorities. The freeze was set to take effect at 5:00 pm ET on January 28 and remain in place until at least February 10.

The memo caused widespread confusion in Washington, D.C., and across the country, as it was unclear which programs were affected and for how long. The following day, the administration released a clarification memo to address the uncertainty. However, just before the 5:00 pm ET January 28 deadline, a federal judge in Washington, D.C., temporarily blocked the administration from enforcing the directive. Meanwhile, Congress applied intense pressure to halt the action, urging that "all federal resources be delivered in accordance with the law."

By January 29, OMB rescinded the original order, though confusion persisted for several days. For instance, it was not until February 2 that the National Science Foundation (NSF) updated its Executive Order Implementation webpage, providing information on the court order, an FAQ explaining the situation, and a statement confirming that the NSF Award Cash Management Service (ACM$) system was available for awardees to request payments.

This funding pause is likely the first step in a broader effort by the Trump Administration to impound federal funds — a process in which the president withholds congressionally appropriated funds. While the U.S. Constitution mandates that the executive branch must execute spending as directed by Congress, the administration is challenging the legality of current impoundment laws. Though this particular attempt at funding control has failed, further efforts are expected.

Ending Federal DEI Programs

On January 22, President Trump issued the executive order "Ending Radical and Wasteful Government DEI Programs and Preferencing." The order directs the OMB Director, in coordination with the U.S. Attorney General and the Office of Personnel Management (OPM) Director, to "coordinate the termination of all discriminatory programs, including illegal DEI and 'diversity, equity, inclusion, and accessibility' (DEIA) mandates, policies, programs, preferences, and activities in the federal government, under whatever name they appear."

Within 60 days, every federal agency, department, and commission must eliminate:

- All DEI, DEIA, and environmental justice offices and positions, including Chief Diversity Officer roles.
- All equity action plans, initiatives, and related grants or contracts.
- All DEI or DEIA-related performance requirements for employees, contractors, or grantees.

Additionally, agencies must provide the White House with a comprehensive list of:
(A) Existing DEI, DEIA, and environmental justice positions, programs, and expenditures, including any that may have been rebranded since November 4, 2024.
(B) Federal contractors that have provided DEI training or materials to government employees.
(C) Federal grantees that have received funding for DEI, DEIA, or environmental justice programs since January 20, 2021.

There is a clear expectation that federal employees working in DEI offices will be reassigned or furloughed, with potential layoffs to follow. In effect, this order eliminates DEI initiatives within the federal government.

Revoking Biden's AI Executive Order and Ordering a New AI Action Plan

Another significant order, "Initial Rescissions of Harmful Executive Orders and Actions," revokes multiple executive orders issued under President Biden. The most impactful for the computing research community is the revocation of Executive Order 14110 (October 30, 2023), which governed the Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence (AI EO).

The full consequences of this revocation remain uncertain. Some actions mandated by the original AI EO have already taken effect, but the status of key initiatives — including the NAIRR (National AI Research Resource) pilot project at NSF and the AI Safety Institute at NIST — is unclear. These programs enjoy strong bipartisan support in Congress and among tech industry leaders, and their potential termination could have significant unintended consequences.

Additionally, the order instructs the National Security Advisor to review all National Security Memos (NSMs) issued under Biden and recommend which should remain in force. This review may impact the National Security Memo on AI, further influencing AI policy in the U.S.

A few days later, President Trump issued a follow-up order: "Removing Barriers to American Leadership in Artificial Intelligence." This directive instructs several high-level members of the administration, led by the Office of Science and Technology Policy, to develop a new AI action plan aimed at ensuring "America's global AI dominance" within 180 days. The order also calls for a review of all actions taken under Biden's AI EO to identify potential obstacles to achieving this goal.

Trump's First Weeks *(continued)*

Notably, the new directive makes no mention of the NAIRR pilot, FAAST, or the AI Safety Institute. These programs' fates will likely be determined as part of the administration's broader AI strategy.

Stay Informed and Engage

CRA is actively monitoring these developments and will continue to analyze how these executive orders impact the computing research community. We are in ongoing discussions with policymakers in Washington and will advocate for policies that sustain U.S. leadership in computing research. We strongly encourage members of our community to contact their Senators and Representatives to express how these executive actions affect research funding, workforce development, and innovation.

For the latest updates, visit the CRA Policy Blog.

Announcing the 2025 CRA Undergraduate Research Faculty Mentoring Award Recipients

CRA
Computing Research Association

By Kayley McDonald, Program Associate, CRA-E

The Computing Research Association (CRA) and its Education Committee (CRA-E) are proud to announce the three recipients of the 2025 CRA Undergraduate Research Faculty Mentoring Award: **Ryan Kastner** of the University of California San Diego, **Layla Oesper** of Carleton College, and **Blase Ur** of the University of Chicago.

These outstanding individuals are being recognized for their exceptional mentorship, dedication to undergraduate research experiences, and parallel efforts in guiding their students through the admission and matriculation process for research-focused graduate programs in computing.

Ryan Kastner - University of California San Diego

Ryan Kastner is a Professor of Computer Science and Engineering at the University of California San Diego, where he holds the William Nachbar Endowed Chair.

He received a Ph.D. from UCLA and master's and bachelor's degrees from Northwestern University. His research spans three primary areas: hardware acceleration, hardware security, and remote sensing. He has made significant contributions to accelerate computationally intensive tasks, enhancing the security of computing systems, and improving remote sensing technologies used in applications ranging from oceanography, biology, and archaeology.

Dr. Kastner is deeply committed to undergraduate research mentorship, guiding students in tackling real-world challenges at the intersection of hardware and software. Through his mentorship, students in the Engineers for Exploration program and the Kastner Research Group have engaged in projects that advance hardware acceleration, improve the security of computing systems, and

explore innovative remote sensing applications. His undergraduate mentees have co-authored numerous published research papers, and many have continued to pursue graduate studies.

Dr. Kastner's approach to mentoring is hands-on and collaborative, fostering a dynamic environment where students develop the technical expertise and critical thinking skills needed to excel as researchers and leaders in the rapidly advancing field of computer science and engineering.

Layla Oesper - Carleton College

Layla Oesper is an Associate Professor of Computer Science at Carleton College, specializing in algorithms development for computational biology with a focus on cancer research. She earned her Ph.D. from Brown University, and has made significant contributions to algorithms used in large-scale genomic data analysis, aiming to enhance our understanding of complex biological systems and improve health outcomes.

Dr. Oesper has been a driving force in empowering undergraduate researchers to excel and push the boundaries of computational biology. Her students have co-authored peer-reviewed publications, presented at conferences, and launched successful careers in both academia and industry. By creating a collaborative and inclusive research environment, she ensures that her students not only develop technical expertise but also cultivate the critical thinking and problem-solving skills necessary to lead the future of computer science.

Dr. Oesper's mentorship continues to inspire her students to achieve greatness and make meaningful contributions to society.

Blase Ur - University of Chicago

Blase Ur is an Associate Professor in the Department of Computer Science at the University of Chicago. His group's research spans computer security, privacy, ethical AI, and the design of usable computing systems. He earned his Ph.D. from Carnegie Mellon University. He and his students work to bridge the gap between technical systems and the human-centered concerns of the real world, aiming to create secure and ethical technologies.

Dr. Ur has played a pivotal role in nurturing the next generation of computer science researchers. Through his extensive undergraduate mentorship, he has inspired students to tackle interdisciplinary challenges, empowering them to become thought leaders in the field. He especially focuses on involving first-year and second-year undergraduates in research as part of fostering their long-term engagement with projects. Many of his students have gone on to lead and publish influential research, pursue graduate studies, and make meaningful contributions to both academia and industry.

His commitment to mentorship ensures that his students are well-equipped to drive innovation and shape the future of computer science.

Recognizing Excellence in Undergraduate Research Mentorship

CRA congratulates Dr. Kastner, Dr. Oesper, and Dr. Ur on this well-deserved recognition and thanks them for their outstanding contributions to undergraduate research mentorship. Their dedication helps shape the next generation of computing researchers, fostering a strong and diverse pipeline of talent in the field.

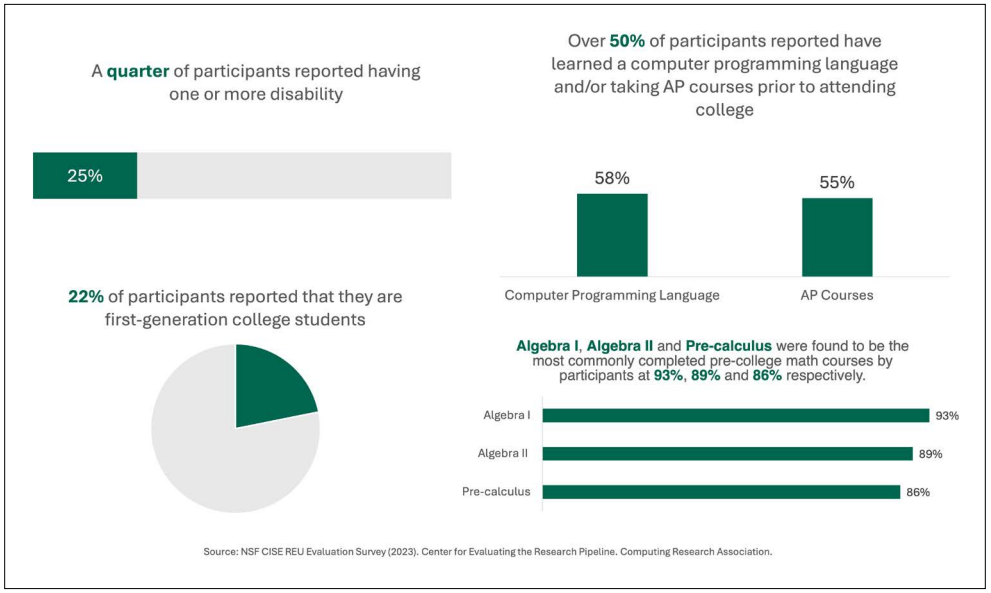
To learn more about past recipients of the CRA Undergraduate Research Faculty Mentoring Award and their impact, we invite you to explore the bios of previous winners on the CRA website.

Each fall, CRA opens the call for nominations for the next cycle of this award. Faculty, academic leaders, and colleagues who have witnessed exceptional mentoring efforts are encouraged to submit a nomination when the next cycle begins. For more details on the award and nomination process, visit the CRA website or contact mentoring_awards@cra.org with any questions.

NSF CISE REU 2023 Annual Report: Student Characteristics of REU Participants

CERP
Computing Research Association
Evaluation

By Brendan Kane, Research Associate



In an effort to keep the computing community informed of latest research on formal research experiences, the CRA Center for Evaluating the Research Pipeline (CERP) recently released an annual report on the summer 2023 data collection efforts from undergraduate students in formal research experiences such as NSF CISE REU Sites and Supplements, DREU, and more. The findings of the report focus on the students and institutions that participated in a formal research experience program in 2023. Specifically, results focus on student's backgrounds, home institutions, and pre-college and college experiences.

The preceding infographic focuses on the characteristics of the students who participated in REUs that were evaluated by CERP. Specifically, it shows the demographic breakdown of students' reported disability status and the percentage who are first-generation college students. The infographic also presents results on the academic background of participating students focusing specifically on their pre-college computer science and mathematics course experiences. Learn this and even more by viewing the full report linked here.

Notes:

The Center for Evaluating the Research Pipeline (CERP) collected the data analyzed for this infographic via the NSF CISE REU Evaluation Project. The sample includes 725 undergraduate students at 268 unique institutions who participated in a formal research experience during the summer of 2023.

The data for each figure in the infographic were pulled from the following questions:

- What type of disability do you have? Please check all that apply.
- What is the highest level of education attained by any of your parent(s)/guardians?
- Which of the following experiences did you have prior to entering an undergraduate program? Select all that apply.
- Which of the following mathematics courses did you take **prior to entering an undergraduate program**? Select all that apply.

This analysis is brought to you by CRA's Center for Evaluating the Research Pipeline (CERP). CERP provides social science research and comparative evaluation for the computing community. Subscribe to the CERP newsletter here. Check out CERP's activities and find out how to engage on CERP's website.

The information presented in this infographic is based upon work supported by the US National Science Foundation grant numbers #2036717 and #2335072. Any opinions, findings, conclusions, and recommendations are the authors' and do not necessarily reflect the views of the NSF.

From Grad Cohort for Women to ASSETS: How Mentorship and Community Helped Shape a Rising Researcher

CRA-WP
Computing Research Association
Widening Participation

By Lauren Lashlee, Senior Program Associate, CRA-WP

Navigating graduate school can be challenging, but mentorship and community support can make all the difference. **CRA-WP Grad Cohort for Women** provides an annual opportunity for women and nonbinary graduate students in computing to build their networks, gain professional guidance, and find inspiration from peers and senior researchers.

For **Isabela Figueira**, a third-year Ph.D. student in Informatics at the University of California, Irvine, attending Grad Cohort for Women helped her push through self-doubt and successfully submit a best paper-nominated study at ASSETS, the premier conference on accessible computing.

With the next Grad Cohort for Women taking place **April 3-5, 2025, in Denver, CO**, we spoke with Isabela about how attending the workshop propelled her research forward, strengthened her confidence, and helped her build connections that continue to support her academic journey.

Isabela Figueira (second from the right) with fellow attendees at the 2025 CRA-WP Grad Cohort for Women, where mentorship and community support helped her gain confidence and propel her research forward.

How Grad Cohort for Women Helped Me Get to ASSETS

Overcoming Self-Doubt and Gaining Confidence

When Isabela attended Grad Cohort for Women, she was just days away from the deadline to submit her first paper to ASSETS.

"I was actually nervous to go because my paper still needed so many edits," she recalls. "But I'm so glad I attended. The workshop gave me the mental reset I needed. Taking a break from the stress of writing and talking to other women in computing reminded me that I wasn't alone in this process."

Grad Cohort for Women *(continued)*

That renewed energy helped Isabela push through the final stretch of writing and successfully submit her paper.

Finding a Supportive Research Community

The Grad Cohort workshop also introduced Isabela to a network of fellow women in computing that extended beyond the event itself.

"I made friendships with students from my own department and from universities across the country. We still keep in touch, and I even reconnected with one of them at a later conference, where she introduced me to new collaborators!"

Grad Cohort also helped Isabela practice communicating her research to broader audiences, an essential skill when submitting papers or presenting at conferences.

"I work in accessible computing from a qualitative research perspective, which means not everyone understands my research background. Grad Cohort helped me refine how I explain my work so that it's accessible to researchers in other areas."

The Moment That Changed Everything

Attending Grad Cohort for Women gave Isabela the push she needed to complete her paper, and it turned out to be a career-defining moment.

Her study, "Intersecting Liminality: Acquiring a Smartphone as a Blind or Low Vision Older Adult," was later nominated for a best paper award at ASSETS.

"It was surreal," she says. "I walked into Grad Cohort stressed about my paper and walked out with the motivation to finish it. And now, that paper is recognized as an important contribution to accessible computing."

Advice for Future Grad Cohort Attendees

1. Take Advantage of the Community

"The people you meet at Grad Cohort can become friends, mentors, and future collaborators. Stay in touch with them — you never know when you'll cross paths again in your academic journey."

2. Practice Explaining Your Research

"Grad Cohort gives you a chance to talk about your work with people outside your niche. Take advantage of that — it will help you write stronger abstracts and present your research more effectively."

3. Push Through the Doubt

"If you're hesitating about submitting your first paper, just go for it. I almost didn't submit mine, and now it's a best paper nominee. Grad Cohort gave me the boost I needed to believe in my work, and I encourage others to do the same."

Looking Ahead: Stay Connected with CRA-WP

The CRA-WP Grad Cohort for Women workshop continues to be a transformative experience for women in computing research, providing mentorship, networking opportunities, and professional growth. The next Grad Cohort for Women will take place **April 3-5, 2025, in Denver, CO**. While applications for this year's event are now closed, we encourage those interested to stay engaged with CRA-WP and explore other upcoming opportunities.

To learn more about the Grad Cohort programs and other CRA-WP initiatives, visit cra.org/cra-wp.

Join the Conversation: Shaping the Future of Cybersecurity and Storage Technologies

CRA-I
Computing Research Association
Industry

By Helen Wright, Manager, CRA-I

At the **Computing Research Association – Industry (CRA-I)**, we have launched a new initiative to explore two critical areas shaping the computing industry: enterprise cybersecurity and storage technologies. This project aims to generate key insights and recommendations that address specific challenges in both fields, ultimately guiding research and industry efforts toward impactful solutions.

Bridging the Gap in Enterprise Cybersecurity

Despite significant advancements in cybersecurity research, many innovations struggle to translate into real-world applications. This initiative examines the barriers preventing research from making a tangible impact and explores strategies to bridge these gaps, ensuring that cutting-edge cybersecurity advancements lead to practical, effective solutions.

Understanding the Future of Storage Technologies

As data demands grow exponentially, the evolution of storage technologies is more important than ever. This project investigates current storage needs, industry challenges, and vendor roadmaps to uncover key trends and opportunities shaping the future of data storage.

Get Involved: Help Shape the Future

The outcome of this initiative will be two comprehensive reports outlining the challenges, insights, and recommendations for each area. Additionally, CRA-I will explore follow-up actions, such as hosting in-person or hybrid meetings and establishing a consortium for ongoing collaboration.

We invite you to contribute to this effort! If you or someone you know is an expert in enterprise cybersecurity or storage technologies, we want to hear from you. To participate in an interview or recommend an expert, please reach out to Helen Wright at **hwright@cra.org**.

Your insights could shape the direction of future research and industry collaborations in these crucial fields.

CRA's Education Committee Announces 2025 CRA-E Graduate Fellow

CRA-E
Computing Research Association
Education

By Sheila Khan, Program Associate, CRA-E

CRA's Education Committee (CRA-E) is proud to announce **Sophie Quynn** from the University of California, Davis as a 2025 CRA-E Graduate Fellow.

Sophie Quynn (she/her) is a third-year Ph.D. student in Computer Science at the University of California, Davis, advised by Dr. Dipak Ghosal. She earned her B.S. in Mathematics with a minor in Computer Science from UC Davis in 2019. Before beginning her doctoral studies, she conducted cybersecurity research and development at Sandia National Laboratories in Livermore, California.

Research Focus: Machine Learning in Healthcare

Sophie's research focuses on the intersection of machine learning and healthcare. She is collaborating with the UC Davis Mind Institute to investigate the neural mechanisms of irritability and impulsivity in ADHD patients. Her work applies novel deep learning models, such as transformers, to fMRI (functional magnetic resonance imaging) data to uncover new insights into these cognitive processes.

Commitment to Mentorship and Computing Education

As a CRA-E Graduate Fellow, Sophie is excited to contribute to the advancement of computing education. She has mentored undergraduate students in STEM through programs such as E-SEARCH at the UC Davis College of Engineering and the HSI-STEM Women in STEM program at Mission College. She is passionate about fostering creativity, critical thinking, and a love of discovery in her mentees.

Outside of research, Sophie enjoys hiking and skiing in the Sierra Nevada Mountains and playing piano and guitar with her husband and toddler.

About the CRA-E Graduate Fellows Program

The CRA-E Graduate Fellows Program was established in 2015 to provide graduate students with opportunities to contribute to CRA-E projects and promote computer science research and undergraduate education at the national level.

Undergrad Award Winner Q&A: Transforming Software Engineering with Large Language Models

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

Federico Cassano, B.S. in Cybersecurity and Economics, Northeastern University

This Q&A highlight features Federico Cassano, a Finalist in the 2024 CRA Outstanding Undergraduate Researchers award program. Federico is an undergraduate student at Northeastern University majoring in Cybersecurity and Economics.

How did you get started with research?

I got into research because I wanted to contribute to science and create knowledge that could help others. It started by emailing the professor from my first CS course, Arjun Guha, to see if I could get involved in his work. He connected me with one of his Ph.D. students, and I worked on a project that used satisfiability to solve dependency constraints in package managers. I mostly helped with the software side of things, but also got to contribute to writing the paper, which made the whole experience really engaging and eye-opening. Later, I discovered my passion for programming languages, and during a summer project with my professor, I got the chance to evaluate language models across different programming languages. Even though the models were not as advanced as they are now, I was amazed by their potential, and that experience inspired me to focus my research on the intersection of programming languages and machine learning.

What can you tell us about your research?

My research focuses on using deep learning, particularly large language models (LLMs), to make software engineering more efficient and accessible. These models are incredibly powerful, because they can generate code from instructions or explain code in plain language. But one of the big challenges is that they perform really well with popular programming languages, like Python or

Undergrad Award Winner *(continued)*

JavaScript, but struggle with less common ones. That gap got me curious, so I started digging into why this happens and how to fix it. One of my projects looked at how well these LLMs work across a wide range of programming languages, and we found that their performance drops significantly for languages that are not widely used, mostly because there is less training data available. To tackle this, I worked on improving model performance for underrepresented languages. At first, we tried existing approaches, like training the models on extra data sets specific to those languages, but that did not really help. So we went back to the drawing board and came up with a transfer learning technique. This allowed the model to use what it already knows about popular languages to do better with less common ones. Our work was published at OOPSLA, which was a big milestone for me. Even more exciting, the technique was adopted by the StarCoder 2 project, a collaboration between Nvidia and ServiceNow, to enhance their model's abilities with underrepresented languages. It has also been exciting to see similar ideas influence other labs, like the team at Meta working on their Llama 3 model. Seeing my work make a real-world impact has been such a rewarding experience.

What can you tell us about your research collaborators?

I am part of Arjun Guha's research group, where I have had the chance to work on a variety of exciting projects. The team I work with often changes depending on the project, which has given me the opportunity to collaborate with a wide range of people. For example, I worked closely with Francesca Lucchetti, a Ph.D. student from Italy, and we really clicked as a team. These collaborations have been a big part of my research journey and have helped me grow both technically and personally. Outside of that, I also co-founded a small, independent research group with my roommate: GammaTau. We take on projects that are not tied to any formal academic program, which allows us to explore creative and experimental ideas. It has been a fun and rewarding way to complement the work I do within Arjun Guha's group. These experiences, both in structured and independent settings, have been instrumental in shaping my research and the way I approach problem-solving.

What aspects of doing research do you most like?

What I enjoy most about doing research is the chance to connect with other researchers. There is something special about those conversations where you share ideas, talk about your work, and see the excitement in someone's eyes as they discuss their own projects. That kind of passion and energy is hard to find in other areas, and it is what makes research so rewarding for me. On the other hand, I am not a big fan of the traditional paper-writing process. While it is important, it feels like an outdated way to share knowledge. I think there is a lot of potential to improve how we exchange information to make it more efficient and meaningful for everyone involved.

What qualities make a successful researcher?

I think a successful researcher needs to approach problems with a first-principles mindset. It is not enough to simply know about previous work; you need to deeply understand how it works, why it works, and what its limitations are. This level of understanding is essential because research builds on existing knowledge. I like to think of knowledge as a growing circle. Each new piece of research expands the circle in a specific direction. To make a meaningful contribution, you need to understand where the circle is growing and ensure that your work is adding something new and valuable.

Do you have any advice for other students also interested in deep learning research?

My biggest advice is to reach out to your professors and ask if they have projects you can get involved in. Many are open to working with undergraduate students, which is a great way to learn and gain mentorship. At the same time, it is also possible to take an independent path. I know people who have pursued research on their own, studying the literature and starting projects without an advisor, and they have been successful. Some areas, like interpretability in language models, do not require a lot of resources, which makes them accessible for independent work. Whether you collaborate with a professor or go solo, the most important thing is to stay curious, keep learning, and look for ways to contribute.

Learn More and Get Involved

The **CRA Outstanding Undergraduate Researchers Award** program highlights exceptional students like Federico Cassano who are making significant contributions to computing research. We encourage you to explore the bios of past award winners on the CRA website to see the range of impactful work being done by undergraduate researchers.

Each fall, CRA opens the call for nominations for this prestigious award. Faculty members, department chairs, and other institutional representatives are invited to submit nominations to recognize outstanding undergraduate researchers at their institutions. Stay tuned for more details later this year, and consider nominating a student who has demonstrated excellence in research.

CRA Expands Resources for the Computing Community Through the UR2PhD Program

CRA
Computing Research Association

By Julia Sepulveda, Senior Program Associate, CRA-E

UR2PhD
Undergraduate Research to PhD Mentoring

CRA's UR2PhD program is committed to building capacity in computer science by providing students, mentors, and departments with the tools needed to support undergraduate research. Recognizing that systemic change requires access to knowledge, material support, and collective efforts, the UR2PhD team has made several resources freely available to the community.

Below, we highlight key resources that faculty and students can leverage to enhance research experiences and academic pathways.

Resources for Faculty

Facilitating undergraduate research experiences can be time-intensive. Faculty mentors must scope projects, secure funding, and provide guidance that fosters student growth. To assist in this process, the UR2PhD team has developed the following freely available resources:

- **Guidance on designing well-scoped research projects** for undergraduates, including a worked example.
- **Information on applying for NSF Research Experiences for Undergraduates (REU) supplemental funding**, along with a ready-to-use template.
- **Creative Commons-licensed course syllabi**, including topics, assignments, and instructional content.
- **A resource folder** containing shareable slides, downloadable flyers, and social media posts to help faculty promote research opportunities to students.
- **Additional tools and materials** designed to streamline undergraduate research mentorship.

Resources for Students Interested in Research

For students, getting involved in research begins with understanding what it entails and where to find opportunities. The undergraduate student resource page provides:

UR2PhD *(continued)*

- **Recordings of past workshops** covering computing research pathways and Ph.D. application strategies.
- **Video resources** explaining how to enter and explore undergraduate research opportunities.
- **The Student Pathways into Research in Computing (SPARC) website**, which answers frequently asked questions about research involvement and showcases examples of undergraduate researchers.
- **Additional materials and insights** to help students navigate their research journey.

These resources are designed to lower barriers to research participation and support students and faculty in creating meaningful research experiences. We encourage members of the computing research community to explore and share these tools widely.

For more information and access to these resources, visit the UR2PhD website.

NSF CSGrad4US Fellows - Get to Know Eden Shaveet

By Elora Daniels, Communications Associate

The NSF CSGrad4US Graduate Fellowship and Mentoring Program supports computing professionals who want to return to school to pursue a PhD.

The program begins with a structured mentoring and application support phase, helping participants navigate the often-daunting graduate school application process — especially for those who have spent time outside of academia. Once accepted into a PhD program, fellows receive additional support throughout their first year to aid in retention and success. After completing this initial year, they officially become NSF CSGrad4US Fellows, gaining access to a network of peers and unique opportunities to strengthen their computing research connections.

One such fellow is **Eden Shaveet**, a PhD student at Cornell University specializing in multimodal information extraction and interpretation methods for health inferencing. Before starting her PhD, Eden held a short-term research position at Columbia University. As that position neared its conclusion, she reflected on her next steps and ultimately decided to return to academia to pursue "a career where I could shape my own research agenda, build my own lab, and mentor students."

We spoke with Eden to learn more about her experience as an NSF CSGrad4US mentee and fellow.

What has been the most rewarding part of being an NSF CSGrad4US Fellow?

The most rewarding part of the NSF CSGrad4US Fellowship has been the opportunity to connect with other fellows at a similar academic stage who are doing fascinating work. As contemporaries, we may enter the academic workforce around the same time, potentially establishing labs and faculty positions in parallel. Building these relationships across computing subdisciplines is invaluable, and the fellowship provides a platform to foster these connections early on.

Through your mentoring experience, did you have any 'lightbulb moments' of insight about your career or earning a PhD?

I had the wonderful privilege of being mentored by Dr. Katie Siek at Indiana University Bloomington, whose insights not only helped me refine my applications and statements but also clarified my purpose for pursuing a career in academia. She embodied much of what I aspired to be when I graduated.

Are there any unique opportunities you've experienced thanks to being part of the NSF CSGrad4US Fellowship program?

As a mentee, I was fortunate to receive one-on-one mentoring with a senior faculty member throughout my application cycle. As a fellow, I've had the opportunity to engage with an online community of other fellows, providing a vital space for exchanging ideas and seeking advice. This network has been instrumental throughout my matriculation and first year so far.

As part of the fellowship, I'm thrilled to be attending the CRA-WP Grad Cohort Workshop for Inclusion, Diversity, Equity, Accessibility, and Leadership Skills (IDEALS) this year and to explore additional research communities through a reimbursed technical conference of my choice. This is an opportunity I'm excited to take advantage of as I seek out the research communities I want to be a part of.

How do you hope to improve the field of computing beyond your time as an NSF CSGrad4US Fellow?

My research focuses on passive condition detection using digital signals that people naturally generate online. My overarching goal is to harness novel, passively collected data to uncover health-related insights, enabling early detection of conditions and timely interventions in a way that is both efficient and scalable. Seamlessly integrating health condition detection into ubiquitous computing in ways that make it effortless and unobtrusive has the potential to transform public and personal health monitoring as we know it.

What would you say to someone thinking about going back to school for a PhD in computing?

If you don't fit the mold of a typical PhD student but have a drive to push the boundaries of human knowledge, you'll find a home in our community. While the conventional academic path often belittles nontraditional journeys, many of us see them as a unique strength that brings fresh perspectives and insights. So, come on in! The water's fine.

Is there anything else you'd like to share about your experience as an NSF CSGrad4US Fellow?

I'm immensely grateful to the Computing Research Association (CRA) and the National Science Foundation (NSF) for their investment in me and my research. This fellowship has given me the invaluable opportunity to focus fully on my work early in my PhD journey, without the immediate need for RA or TA responsibilities. It has truly allowed me to hit the ground running.

Ready to Start Your PhD Journey?

Established in 2023, NSF CSGrad4US has already helped over 125 industry professionals return to school to pursue their PhDs. Applications for the 2025 cohort are now open!

Learn More and Apply

UR2PhD Offers Training and Funding to Support Undergraduate Research—Get Your Department Involved as an Institutional Partner

By Julia Sepulveda, Senior Program Associate, CRA-E

The UR2PhD program is a virtual, synchronous initiative designed to enhance and expand mentored undergraduate research experiences, with the goal of increasing the number of women and gender-marginalized students pursuing doctoral studies in computing.

By providing programming, funding, and resources, UR2PhD makes undergraduate research opportunities more accessible and sustainable for students and institutions. Schools looking to expand research engagement can benefit significantly from partnering with UR2PhD.

What Is an Institutional Partner?

Institutional partners are colleges, universities, or departments committed to broadening and diversifying undergraduate research opportunities. These partners help build a pipeline of trained researchers, encouraging them to consider graduate studies.

As a partner, institutions work to generate interest among faculty, undergraduate students, and graduate mentors (if applicable). A local coordinator at each school facilitates student-mentor matching based on availability, research interests, and relevant skills. These matched participants then enroll in one of UR2PhD's two core courses:

- Undergraduate Research Training Course – Prepares students for research involvement.
- Graduate Student Mentor Training Course – Equips graduate mentors with effective research mentoring strategies.

Why Participate as an Institutional Partner Instead of an Individual Faculty Mentor?

Partner institutions receive priority access to UR2PhD programming and can drive change at scale by engaging multiple students and mentors. Additionally, local coordinators can earn up to $10,000 for leading recruitment, engagement, and program participation efforts.

By structuring support at the institutional level, UR2PhD reduces barriers to entry for students who may not have the social capital or resources to access research opportunities independently.

Beyond the Courses: Additional Research Support

UR2PhD goes beyond training by providing funding and resources to sustain research engagement:

- Participants who complete UR2PhD courses can apply for funding opportunities, including REU funding and technical travel assistance.
- Mentors receive support through resources such as undergraduate research scoping guides, templates for supplemental funding applications, and REU mentor funding.

How to Apply

To become an institutional partner, a faculty member must submit an application, which includes details about the school's existing research landscape and a letter of departmental support.

- For **summer participation**, apply by **April 30, 2025**.
- For **fall participation**, apply by **August 15, 2025**.

Apply Now

Learn More About UR2PhD

UR2PhD offers a range of activities and resources designed to support institutions, faculty, and students. To explore how your department can benefit, visit cra.org/ur2phd.

Schools do not need to be institutional partners to take advantage of UR2PhD programming, but joining as a partner maximizes impact. If you'd like to discuss ways to advocate for undergraduate research at your institution, contact the UR2PhD team at ur2phd@cra.org.

ICYMI Items from Across CRA: February 2025

By Matt Hazenbush, Director of Communications

NSF Budget Cuts Threaten U.S. Innovation and Security

CRA warns that proposed NSF budget cuts and workforce reductions would undermine U.S. leadership in computing research. NSF funds nearly 80% of fundamental computing research at U.S. institutions, supporting advancements in AI, cybersecurity, and quantum computing. CRA urges Congress to reject these cuts and sustain investment in science and technology. Read CRA's full statement here.

Save the Date: New Chairs Workshop – July 31 in San Francisco

The CRA New Chairs Workshop will take place on July 31, 2025, in the San Francisco, CA area, providing academic unit leaders (e.g., chairs, heads) in computing with essential insights on leadership, faculty development, and resource management. If you are interested in attending, please fill out the interest form.

CRA Secures $2M to Expand UR2PhD Program

CRA has received $2 million from Google.org to extend UR2PhD through 2026, supporting new Research Experiences for Undergraduates (REU) funding and launching the first Undergraduate Mentoring Workshop and Research Showcase. These initiatives will strengthen mentorship and expand pathways to PhD programs. Learn more in the full announcement here.

CCC and CRA-I Weigh in on NTIA Ethical Data Research Guidelines

CCC and CRA-Industry (CRA-I) submitted comments to the NTIA on ethical guidelines for research using pervasive data. Their response emphasizes accountability, data access equity, and protections for researchers and data subjects while recommending refinements to NTIA's definitions and approaches. Read the full CCC & CRA-I response on the CCC Blog.

Insights from Computing Practitioners on Undergraduate CS Education

CRA-Industry's Practitioner-to-Professor (P2P) survey gathered input from 1,000+ computing professionals on improving CS education. Key recommendations include adding courses in Algorithms, Computer Architecture, and CS Theory, enhancing soft skills training, and prioritizing problem-solving over programming language proficiency. A full report will be available in early 2025. Read the summary here.

Former CCC Council Member Cynthia Dwork Awarded National Medal of Science

Cynthia Dwork, former Computing Community Consortium (CCC) Council member, has received the National Medal of Science, the nation's highest scientific honor. Recognized for her pioneering work in differential privacy, Dwork's research has shaped modern data privacy practices used by Google, Apple, and government agencies. A Harvard University professor, Dwork served on the CCC Council (2015–2018), contributing to key white papers and workshops on privacy and computing research policy. Read more on the CCC blog.

Professional Opportunities

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.

Boise State University

Tenure-Track Assistant Professor, Artificial Intelligence

Boise State's Department of Computer Science is accepting applications for a tenure-track Assistant Professor position, with a focus on artificial intelligence (generative artificial intelligence, large language models, computer vision, natural language processing, deep learning, etc.) to start fall of 2025.

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

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

Please visit *https://jobs.boisestate.edu/en-us/job/498645/assistant-professor-of-computer-science-artificial-intelligence* for application requirements and submission. The search will remain open until the position is filled. **Review of applications will begin November 11th, 2024.**

Boise State University

Tenure-Track Assistant Professor, Cybersecurity

The Department of Computer Science at Boise State University is accepting applications for a tenure-track Assistant Professor position, with a focus on cybersecurity. Strong candidates in other areas of Computer Science and closely related fields will also be considered.

Responsibilities include teaching undergraduate and graduate courses, developing a strong research program funded by external sources, supporting and mentoring undergraduate and graduate students, and providing service to the University and the profession along with other activities typical for a tenure-track faculty. Candidates will start in the fall of 2025.

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

The search will remain open until the positions are filled. **Review of applications will begin on November 3rd, 2024.**

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

Application Procedure Instructions: Please visit *https://jobs.boisestate.edu/en-us/job/498622/assistant-professor-of-computer-science-cybersecurity* to submit a cover letter addressed to the CS Cybersecurity Search Committee indicating your interests and qualifications for this position, a CV that includes employment history, and statements of research and teaching interests. Provide three professional references with contact information.

Boston University

Tenure-Track Assistant Professors

The Faculty of Computing & Data Sciences (CDS), a novel academic unit that bridges the 17 schools and colleges at Boston University, invites applications for multiple tenure-track Assistant Professor and tenured Associate Professor positions. All candidates pursuing foundational or use-inspired research related to computing and data sciences will be considered (see our current faculty here). Candidates working in one or more of the following broad areas of research are especially encouraged to apply.

- Research focused on core machine learning and theory and methods, including but not limited to deep learning, generative AI, natural language processing, and large language models.
- Research in computational systems and software infrastructures for data science, including but not limited to cloud-scale data engineering and systems for at-scale machine learning & AI.
- Research with ties to the social sciences and humanities, including but not limited to human-centered computing & HCI, economics & computation, sociology, behavioral science, and law & ethics.
- Research with ties to the natural sciences, including but not limited to applications in astronomy, biological & medical sciences, chemistry, neuroscience, physics, and earth & environment.

Candidates whose research also involves machine learning and AI are encouraged to apply both to this solicitation as well as to the Boston University cluster hiring initiative in AI: ***https://academicjobsonline.org/ajo/jobs/28310***.

Boston University is a member of the American Association of Universities with over 37,000 students from more than 140 countries and over 10,000 faculty and staff supporting over 300 programs. It is one of the largest private R1 universities in the US, spending over $725M in FY 2022, ranking 16th among private research universities.

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 common language of computation and data and to lay the foundation for innovation-driven, civic-minded computing, data science, and AI. Over 50 faculty already are associated with CDS. 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, CDS 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 in a discipline relevant to foundational or use-inspired computing research; a strong record of research; a demonstrated capacity for collaboration; and a commitment to innovation in teaching at the undergraduate and graduate levels.

Applications can be submitted through the web portal at ***https://academicjobsonline.org/ajo/jobs/28499***. Priority will be given to candidates who submit their application by December 1, 2024 but consideration and review of applications will continue on a rolling basis until April 30, 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.

Professional Opportunities

California Institute of Technology

Faculty Position in the Engineering and Applied Science Division: Information, Systems and Computing (ISC)

The Division of Engineering and Applied Science at the California Institute of Technology invites applications for tenure-track/tenured faculty positions. Preference will be given to candidates at the Assistant Professor level; however, well-qualified applicants at the associate or full professor level may also be considered.

We seek highly qualified candidates committed to a career in teaching, mentoring and research excellence in the broad areas of Information, Systems and Computing. Of particular interest are candidates that have innovated within any number of a wide range of domains, including but not limited to applied and computational math, computer science, machine learning, optimization, control & dynamics, robotics & autonomy, signal processing, information theory, quantum computation, and the mathematics of data and models.

This is a joint search between the Department of Computing + Mathematical Sciences, the Department of Electrical Engineering, and the Department of Mechanical and Civil Engineering that reflects the unique interdisciplinary nature of Caltech. A successful candidate will join one of these departments, or a combination thereof, as best reflects their interests in teaching, mentorship, and research. It is also anticipated that a successful candidate would collaborate broadly with investigators both within and beyond the Engineering and Applied Science Division, as well as in centers at Caltech including, for example, the Jet Propulsion Laboratory, the Center for Autonomous Systems and Technologies, the Institute for Quantum Information and Matter, the Chen Institute for Neuroscience, the Merkin Institute, and the Resnick Sustainability Institute.

Applications should be submitted online. Reviewing of applications will begin on November 12th, but full consideration will be given to all candidates who apply by December 13, 2024.

The appointment is contingent upon completion of the Ph.D. degree in an appropriate engineering or science related discipline. Applications should include:

1. A brief cover letter.
2. Curriculum vitae.
3. Relevant publications.
4. a research statement describing research highlights and future goals and plans.
5. an education statement that addresses the applicant's thoughts on classroom and laboratory instruction, mentorship of students and postdoctoral scholars, and ways to foster an inclusive, equitable environment for the development of scholars who come to Caltech with many different backgrounds and experiences

Salaries for professorial faculty at Caltech fall in the range of $125k - $400k.

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

Carnegie Mellon University in Qatar

Teaching Track Faculty (Open Rank)

Carnegie Mellon University (CMU) in Qatar seeks applicants for two teaching-track positions beginning in Fall Semester 2025 (starts 1st August 2025).

Our most immediate needs are for candidates who can teach courses in one of these two areas: data science or the design and development of information systems. We also welcome candidates who can teach topics such as Artificial Intelligence, IS consulting, emerging technologies, digital innovation, databases, and other core information systems courses and concentrations.

The expected teaching load is 2-2 with opportunities to engage in research. These positions, based at CMU's branch campus in Doha, Qatar, offer competitive salaries, research seed funds, attractive professional development support, excellent international health care coverage, and allowances for housing, travel, and schooling (if eligible), among other benefits.

For more details visit: ***http://apply.interfolio.com/156158***

Cleveland State University

Chair and Professor in Computer Science

Chair of Computer Science

Cleveland State University (CSU) seeks a dynamic and visionary Chair for the Department of Computer Science (CS) to lead and grow the department beginning July 1, 2025. Salary is commensurate with qualifications and competitive with other research-intensive universities. For the full position details and application guidelines, please visit *https://hrjobs.csuohio.edu/postings/22297*

Responsibilities include leading the undergraduate and graduate programs; improving student enrollments; managing budget and resources; leading the development of the department's mission and strategic plan; supporting and advancing the department's teaching, research and service; representing the department internally and externally; and enhancing the image of the department, college, and university.

The department has 18 full time faculty, ~300 undergraduate students, and ~500 graduate (Master's and Ph.D.) students. It offers a B.S. degree in Computer Science (ABET-accredited) and a new B.S. degree in Data Science, as well as Master's degrees in Computer Science and Software Engineering. The College offers a Ph.D. in Engineering degree with specializations in Computer Science and Applied Data Science (ADS), the latter being a joint program with the Cleveland Clinic.

Our faculty participate in a collaboration with the Cleveland Clinic and IBM in Quantum Computing. The department is central in the $565 million JobsOhio, Cleveland Innovation District project, aiming at creating more than 20,000 Ohio jobs over the next decade. Computer Science is leading a university-wide initiative to develop combined/integrated degree programs by combining different disciplines. The faculty are active in externally funded research in a variety of areas, including data science, AI/ML, cybersecurity, Internet of Things, and quantum computing. There are many options for collaboration with a variety of companies and other organizations, including the Cleveland Clinic and the NASA Glenn Research Center, as well as other universities.

About Cleveland State University:

CSU is Cleveland's regional, public, urban and research institution, with more than 14,000 students and 150+ academic programs. CSU's strategic alliances with industry, government and community partners afford students invaluable hands-on learning experiences and actively contribute to the region's economic advancement. CSU's lively campus community centers on inclusivity, diversity and civic engagement.

CSU was named on the Forbes list of America's Best Employers 2024, highlighting the University's commitment to its renowned faculty and staff who are dedicated to enhancing the student experience and fostering academic excellence.

Minimum Qualifications

- Applicants must have earned a Ph.D. in Computer Science or closely related field. It is expected that the applicant will qualify for a position at the rank of Professor with tenure;
- Demonstrated evidence of strong record of leadership and administrative experience in professional/research/teaching/service environments;
- Strong teaching and student mentoring record;
- Strong record of curriculum development and enhancement;
- Strong record of research experience;
- Excellent communication skills; and
- Excellent organizational and leadership skills.

Preferred Qualifications

- An outstanding record of securing external funding from various agencies and industry as Principal Investigator;
- Administrative or leadership experience within a college or an organization at the level of at least chair or director;
- Prior experience with ABET accreditation;
- Undergraduate or Master's degrees in Computer Science or related field; and
- Experience in promoting and leading the diversity, equity and inclusion efforts.

Applicant Instructions

Please apply at *https://hrjobs.csuohio.edu/postings/22297*. Mailed or emailed application materials will not be accepted. The application review process will start on September 16, 2024. The search will

continue until the position is filled. All inquiries about the position should be directed to the Search Committee Chair, Lili Dong at *l.dong34@csuohio.edu*.

List of documents the applicant is required to submit:

- Cover Letter
- Curriculum Vitae
- Teaching Statement
- Research Statement
- Unofficial Transcript
- Name and contact information of five references – references will be contacted via email to upload a letter of support

Concordia University

Assistant Professor Positions in: Innovation in Machine Learning and Artificial Intelligence, Quantum Computing and Software Engineering

Full-time Faculty Positions in the Gina Cody School of Engineering and Computer Science, Department of Computer Science and Software Engineering

Concordia University

The **Department of Computer Science and Software Engineering** invites applications for several tenure-track and research chair positions.

Tenure-track positions:

- Assistant Professor, Software Engineering
- Assistant Professor, Artificial Intelligence
- Assistant Professor, Quantum Computing

Research Chair positions:

- Gina Cody Research Chair in Computer Science and Software Engineering

For detailed information about these positions and how to apply, please visit:

https://www.concordia.ca/ginacody/about/jobs.html

For more information on the Gina Cody School of Engineering and Computer Science and the Department of Computer Science and Software Engineering, please visit: *www.concordia.ca/ginacody* and *www.concordia.ca/cse*.

Concordia University is located on unceded Indigenous lands. Tiohtià:ke/Montreal, on the traditional lands and waters of the Kanien'kehá:ka Nation, is historically known as a gathering place for many First Nations. Building on the skills of our faculty and the strengths of Indigenous, local, and global partnerships, we set our sights further and more broadly than others and align the quality of learning opportunities to larger trends and substantial challenges facing society.

The Department and University value diversity and strongly encourages applications from all qualified individuals, including women, members of visible minorities, Indigenous persons, members of sexual minorities, persons with disabilities, and others who may contribute to diversification.

Cornell University

Lecturer/Senior Lecturer Position-Computer Science

Full-Time Lecturer & Senior Lecturer Opportunity

The Cornell University Department of Computer Science (CS) in the Cornell Ann S. Bowers College of Computing and Information Science (Bowers CIS) invites applications from outstanding candidates with a passion for undergraduate teaching for a Lecturer & Senior Lecturer position at Cornell's Ithaca campus. Lecturers & Senior Lecturers are non-tenure track teaching faculty members who are hired on multi-year appointments with the expectation of renewal and promotion.

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

A typical full-time (100% effort) load for a Lecturer & Senior Lecturer in Computer Science is two courses per semester, where teaching and managing the course staff of large required undergraduate level courses counts as two courses. The department offers a collaborative and stimulating culture and a competitive salary and benefits package. Lecturers & Senior Lecturers play a full and active part in departmental life and work with other faculty members and our excellent

students in a broad range of ways, such as teaching upper-level courses, curriculum design and innovation, advising undergraduate and M.Eng. student projects, mentoring Ph.D. students interested in teaching careers, and participating in wider faculty governance and decision-making.

Fostering an inclusive environment is a core value of the Computer Science Department and Cornell as a whole. See *https://diversity.cis.cornell.edu/* for some Bowers CIS activities in this area. In line with Cornell's historical commitment to educating " *... any person ... in any study...*", we seek candidates who will create a climate that is inclusive of all students, including students from historically underrepresented groups and students who have overcome personal challenges.

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

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

Application materials should be submitted at: *https://academicjobsonline.org/ajo/jobs/29038*

Evaluation of applicants will begin November 15, 2024, and continue until the positions are filled.

Salary Range: $49,700-$164,000
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.

For more information about Cornell Computer Science, please visit our website at:

https://www.cs.cornell.edu. More information on our current undergraduate programs and course offerings is available at: *http://www.cs.cornell.edu/undergrad*.

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

Council of Foreign Relations

2025-26 Edward R. Murrow Press Fellow

CFR is seeking applicants for its 2025–26 Technologist-in-Residence fellowship, sponsored by the Eric and Wendy Schmidt Fund for Strategic Innovation. This transformational program enables early-and mid-career technologists with a demonstrated interest in foreign policy to spend ten months at the Council's New York or Washington, DC, office researching and writing about issues at the intersection of technology and foreign policy or national security. This is an extraordinary opportunity for anyone looking to shape the national conversation on the connection between U.S. foreign policy and emerging technologies.

Apply now through February 28, 2025.

To apply or for more information, visit *www.cfr.org/fellowships/technologist-residence*.

DePaul University

Multiple Tenure-line Faculty Positions in Computing

The School of Computing at DePaul University invites applications for multiple tenure-track positions at the level of assistant or associate professor. We are particularly interested in candidates in:

- Cybersecurity
- Systems
- HCI
- AI (including AI applications to healthcare and biomedical engineering)

We also encourage applications from candidates in other core areas of Computer Science.

The School of Computing includes over 70 full-time faculty and more than 3,600 undergraduate and graduate students. We offer a PhD program, 12 master's degrees, and 10 bachelor's degrees as well as a growing number of multidisciplinary CS+X degrees. The School of Computing is committed to providing a flexible and supportive environment for its faculty, promoting a rewarding academic career with a balance between teaching and research. Located in the heart of Chicago's vibrant downtown, it offers vast opportunities to forge relationships with industry, national laboratories, universities, and other organizations in the Chicago area.

The School of Computing has several centers of excellence, including Big Data, Cloud Infrastructure, and High-Performance Computing; Visual Computing, Medical Informatics, and Bioinformatics; Web Intelligence and Recommender Systems; Computing Education; Interactive Machine Learning; Cybersecurity and Adversarial Machine Learning; Computational Geometry and Topology; Next Generation Networks; Rehabilitation Robotics; and Semantics. Over the last decade, the school faculty have secured more than $13.4M in NSF funding and consistently publish in selective conferences. The culture within the school emphasizes high-impact and high-quality research, rather than placing pressure on faculty to secure external funding or publish many papers. Nonetheless, the university provides extensive support for external funding, as well as a robust internal research grants program, including PhD stipends, graduate assistantships and course releases.

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

Qualifications:

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

Application Instructions:

Review of applications will begin on November 4, 2024 and continue until the positions are filled.

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

Apply at *https://apply.interfolio.com/149107*

For more information, contact Vahid Alizadeh (*vahid.alizadeh@depaul.edu*).

DePaul University

Non-Tenure Track Faculty position in Computer Science

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

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

The School of Computing includes over 70 full-time faculty and more than 3,600 undergraduate and graduate students. We offer a PhD program, 12 master's degrees, and 10 bachelor's degrees as well as a growing number of multidisciplinary CS+X degrees. The School of Computing is committed to providing a flexible and supportive environment for its faculty, promoting a rewarding academic career with a balance between teaching and research. Located in the heart of Chicago's vibrant downtown, it offers vast opportunities to forge relationships with industry, national laboratories, universities, and other organizations in the Chicago area.

Professional Opportunities

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

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

Required Qualifications:

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

Special Instructions to Applicants:

Review of applications will begin on November 4, 2024 and continue until the position is filled.

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

Apply at *https://apply.interfolio.com/149096*

For more information, contact Vahid Alizadeh (*vahid.alizadeh@depaul.edu*).

Florida State University

Open-Rank Faculty – Thinking Machines Endowed Chair Position

The Department of Computer Science at the Florida State University seeks a top scholar for a Thinking Machines Endowed Chair position to begin in August 2025. The faculty position is 9-month, full-time, and benefits eligible. We are particularly interested in a senior faculty member who has the experience and expertise to lead a cutting-edge research group. The focus areas include Systems Security, Compiler and Programming Languages, Machine Learning, Artificial Intelligence, Sensor Systems and Networks, Human Computer Interactions, Computer Vision, Computer Graphics and Visualization, High-Performance Distributed and Cloud Systems, Quantum Computing, and Full-Stack Co-Design'ed Systems that support Machine Learning and Artificial Intelligence. Outstanding applicants in other areas will also be considered.

We encourage candidates with outstanding academic credentials commensurate with tenured Associate or Full Professors. 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.

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*

Please apply online with curriculum vitae, statements of teaching and research philosophy, and the names and contact information of three references at: *https://jobs.fsu.edu* (select "Search Jobs" and search using job ID 58918). Screening will begin December 1, 2024 and will continue until the position is filled. Questions can be emailed to Prof. Xiuwen Liu, Faculty Search Committee Chair, *recruitment@cs.fsu.edu*.

FSU is an Equal Opportunity/Access/Affirmative Action/Pro Disabled & Veteran Employer. FSU's Equal Opportunity Statement can be accessed at: *https://hr.fsu.edu/sites/g/files/upcbnu2186/files/PDF/Publications/diversity/EEO_Statement.pdf*.

Georgia Institute of Technology

Lecturer / Senior Lecturer

The School of Computing Instruction (SCI) in Georgia Tech's College of Computing invites applications for multiple full-time teaching positions as Lecturer or Senior Lecturer. Primary responsibilities will include, but are not limited to, providing

high-quality undergraduate teaching. Opportunities to teach graduate courses are also available. Faculty are expected to engage in service at the School, College, and/or Institute level. We also encourage participation in scholarship and curriculum development. As part of its budget, SCI earmarks funding for these activities and makes it directly available to faculty. SCI also provides faculty with the resources to seek external funding for projects (NSF, corporate gifts, etc).

For this cycle, we are seeking candidates who are interested in one or more of the following areas:

- Artificial Intelligence
- Capstone Design
- Computer Organization/Architecture
- Entrepreneurship
- Intro and/or Advanced Algorithms
- Machine Learning
- Operating Systems
- Software Engineering
- Usability and User Experience

We welcome applications from candidates with expertise in other areas of computer science as well.

Summer teaching opportunities are typically available for additional compensation. Additionally, SCI faculty interested in international travel have regular opportunities to teach at GT's study-abroad campuses (Berlin, Barcelona, Metz, and Oxford) during the summer. As implied earlier, faculty may also support their summers with grants.

To apply, visit this page: *https://careers.hprod.onehcm.usg.edu/psp/careers/CAREERS/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?Page=HRS_APP_JBPST_FL&Action=U&FOCUS=Applicant&SiteId=3000&JobOpeningId=268663&PostingSeq=1*

The Hong Kong University of Science and Technology (Guangzhou)

Open Rank Faculty Positions in Fintech and Computer Science

Department: Financial Technology Thrust, The Hong Kong University of Science and Technology (Guangzhou)

The Financial Technology Thrust of Society Hub of The Hong Kong University of Science and Technology (Guangzhou) invites applications for tenure-track/tenured positions at all ranks (Assistant Professor / Associate Professor / Professor) in all fields of FinTech. For more information about the Fintech Thrust, please visit *https://hkust-gz.edu.cn/academics/four-hubs/society-hub/financial-technology*.

We seek talents in the cutting-edge research in FinTech. Applicants must have PhD degrees in FinTech or related fields, e.g., computational mathematics, computer science, economics, finance, financial engineering, information systems, machine learning, mathematical finance, operations research, optimization, probability, and statistics.

Areas of interest include but are not limited to:

- Blockchain technologies, smart contracts, and digital currencies
- Robo-advising, quantitative investing, and risk management
- Machine learning, artificial intelligence, and big data analytics in finance
- Technological innovations for financial services
- Regulatory issues and challenges in FinTech
- Digital economy and financial inclusion

Remuneration and Conditions of Service

Salary is highly competitive. Fringe benefits include annual leave, medical and dental benefits.

Application Procedure

Please submit the application via the HKUST/HKUST(GZ) Recruitment System (*https://facrecruit.hkust.edu.hk/*). You should first sign up to create your personal account.

For more information, please visit the recruitment website (*https://gz-faculty-recruitment.hkust.edu.hk/*).

Review of applications will continue until all positions are filled.

For questions regarding the recruitment system or general inquiries, please reach us at *facultyhire@ust.hk*. For Hub/Thrust specific questions, please address to Society Hub: *gzrecruitSOC@ust.hk* or Fintech Thrust: *ftect@hkust-gz.edu.cn* with subject title of "Faculty Application to FTEC".

Professional Opportunities

Illinois Institute of Technology

Multiple Tenure-Track, Tenured and Teaching Faculty

The Department of Computer Science at the College of Computing at Illinois Institute of Technology in Chicago invites applications for multiple tenured/tenure-track and teaching faculty positions. The department is seeking candidates at all ranks and in all areas as part of the university's strategic plan, seeking to ambitiously grow its faculty and its impact during the coming years. The department offers bachelor's, master's, and Ph.D. degrees in Computer

Science, bachelor's and master's in AI and Data Science, and master's in Cybersecurity and Decision Sciences: *https://www.iit.edu/computer-science*.

Illinois Tech is a private Ph.D.-granting research university with world-renowned programs in computing, engineering, architecture, law, and design. It is ranked #1 in Illinois and #23 nationally in the Wall Street Journal's "America's Best Colleges 2024." Founded in 1890, Illinois Tech was built to provide access to higher education for students from all backgrounds and to make a difference in the world through technology-oriented education. This guiding mission and purpose – where students could prepare for meaningful roles in a changing society and achieve professional and economic advancement – remains just as relevant today.

Review of applications will begin immediately and continue until all available positions are filled. To apply, please visit *https://academicjobsonline.org/ajo/jobs/28845* (tenured/tenure-track) and *https://academicjobsonline.org/ajo/jobs/28894* (teaching).

Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer committed to enhancing excellence, equity, inclusion, and diversity within its community. All qualified applicants will receive equal consideration for employment.

Indiana University

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

The Luddy School of Informatics, Computing, and Engineering at Indiana University (IU) Bloomington invites applications for one full-time tenure track / tenured (open rank) professor position in the area of Computer Systems in the Computer Science (CS) department to begin August 1, 2025. We seek candidates who can teach and lead research in the following areas: operating systems, distributed systems, mobile computing, computer networks, embedded systems, and software engineering. We are particularly interested in candidates working on the intersection of computer systems and other areas such as artificial intelligence, data management, and cybersecurity.

The Computer Science department has over 50 years of history and currently has over 50 faculty members and 1300 students. It strives to be the hotbed of innovation and a leader in computing research and education. Its faculty have pioneered advances in areas including programming languages, hardware design, algorithms, databases, security and privacy, bioinformatics and biomedical science, quantum computing, and artificial intelligence and machine learning.

The Luddy School of Informatics, Computing, and Engineering is the first of its kind and among the largest in the country. Its mission is to excel and lead in education, research, and outreach spanning and integrating the full breadth of computing, information technology and modern engineering. It includes over 150 faculty and 3100 students. Departments in Luddy School include Computer Science, Informatics, Information and Library Science, and Intelligent Systems Engineering.

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

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

Applicants should have a demonstrable potential for (for junior level) or an established record of (for senior level) excellence in research and teaching and a PhD in Computer Science or a related field expected before August 2025.

Review of applications will begin on December 1, 2024 and continue until the position is filled. Interested candidates should review the application requirements and apply online at:

https://indiana.peopleadmin.com/postings/26125

Questions may be sent to Dr. Yuzhen Ye (*yye@iu.edu*)

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

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

Indiana University - Bloomington

Assistant or Associate Professor in Informatics (Human-Computer Interaction Design)

The Luddy School of Informatics, Computing, and Engineering (*https://luddy.indiana.edu/*) at Indiana University (IU) in Bloomington, Indiana invites applications for a tenure-track assistant professor or a tenure-track/tenured associate professor position in the Department of Informatics to begin on August 1, 2025 in the area of Human-Computer Interaction Design (HCI/d). The assistant or associate professor appointee will serve as a core faculty member of our HCI/design (HCI/d) program (*https://informatics.indiana.edu/programs/ms-hci.html*), one of the most preeminent programs of its kind, with a more than twenty-year history and an international reputation. We are particularly interested in candidates who can teach and mentor students in one or more of the following areas: Accessibility, Social Informatics, Human-Centered AI, Visualization, Design Theory and Philosophy, and Critical Computing.

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

The HCI/d faculty member's duties will include in person teaching, research, service, and mentorship of students at the undergraduate, M.S., and Ph.D. levels.

The applicant is expected participate in teaching one or more core studio courses in the M.S. curriculum, while also contributing to other courses in the broader M.S. and Ph.D. curriculum.

Qualifications: Applicants should have a demonstrable potential for (for junior level) or an established record of (for senior level) excellence in research and teaching and a PhD in Informatics, Computer Science, HCI, Design, or a related field expected before August 2025.

Questions: Queries about the position or application procedures may be sent to the chair of the search committee: Colin M. Gray (*comgray@iu.edu*).

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

Application Procedures: Review of applications will begin immediately. Applications received by December 15, 2024 will be assured full consideration, but we will continue accepting applications until the position is filled. Interested candidates should review application requirements and apply online at:

https://indiana.peopleadmin.com/postings/26472

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified

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

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

Indiana University - Bloomington

Assistant Professor in Informatics (Artificial Intelligence and Virtual Reality)

The Luddy School of Informatics, Computing, and Engineering at Indiana University - Bloomington (IUB) invites applications for a full-time tenure track assistant professor position in the Department of Informatics to begin August 1, 2025. We seek candidates who can teach and lead research in one or more of the following areas: artificial intelligence, virtual reality, and/or web development.

We encourage applications from scholars who apply interdisciplinary perspectives across these fields to a variety of domains, including cognitive science, neuroscience, psychology, computer vision, engineering, education, healthcare, robotics, and beyond. Reflecting IU's strong tradition of interdisciplinary research, we encourage diverse perspectives and innovative research that may intersect with or extend beyond these areas. The new appointee will build on existing strengths to contribute to positioning IU at the forefront of new research innovations in artificial intelligence, the development of intelligent computing technologies, virtual reality, and the use of machine learning applied to a wide range of phenomena.

We seek candidates who can work effectively in a team environment and who are prepared to contribute to our commitment to diversity and inclusion in higher education, especially those with experience in teaching or working with diverse student populations. The new appointee will be expected to develop and sustain an active, externally funded research program, to engage undergraduate and graduate students through effective teaching, and to participate in service to the school and the profession. The appointee will be expected to teach courses in web development, virtual reality, or artificial intelligence. Applicants are encouraged to address their experiences in all three areas in the cover letter, research statement, and teaching statement of their application.

Qualifications: Applicants should have a demonstrable potential for excellence in research and teaching and a PhD (expected before August 2025) in computer science, data science, engineering, cognitive science, neuroscience, psychology, or a related field.

Questions: Queries about the position or application procedures may be sent to the chair of the search committee: Justin Wood (*woodjn@iu.edu*).

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

Application Procedures: Review of applications will begin immediately. Applications received by December 15, 2024 will be assured full consideration, but we will continue accepting applications until the position is filled. Interested candidates should review application requirements and apply online at:

https://indiana.peopleadmin.com/postings/26126

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

status, national origin, disability status or protected veteran status.

Indiana University - Bloomington

Open Rank Professors in Intelligent Systems Engineering Department

The Luddy School of Informatics, Computing and Engineering at Indiana University Bloomington invites applications for multiple tenure-track / tenured open rank professor positions (assistant, associate, or full professor) in the Department of Intelligent Systems Engineering (ISE) to begin on August 1, 2025. ISE is an innovative program that focuses on the intersection of intelligent computing methods and systems engineering.

We are particularly interested in hiring in the academic domain of computer systems engineering including software control systems, domain specific architectures, energy efficient computing, zero trust, high performance computing, data engineering at scale, real-time predictive analytics and control, AI systems, physical artificial intelligence, cyber-physics systems, and mechatronics.

We seek candidates who can demonstrate an outstanding scholarly record of research as appropriate to rank and exhibited by high-impact peer-reviewed publications, a forward-looking externally funded research agenda, and a commitment to the education of both graduate and undergraduate students.

As IU's flagship research institution, IU Bloomington 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.

Qualifications: Applicants should have a demonstrable potential for (for junior level) or an established record of (for senior level) excellence in research and teaching and a PhD (or ScD) in Engineering, Computer Science, or a related scientific discipline expected to be awarded prior to August 2025.

Questions: Queries about the position may be sent to *isechair@iu.edu*

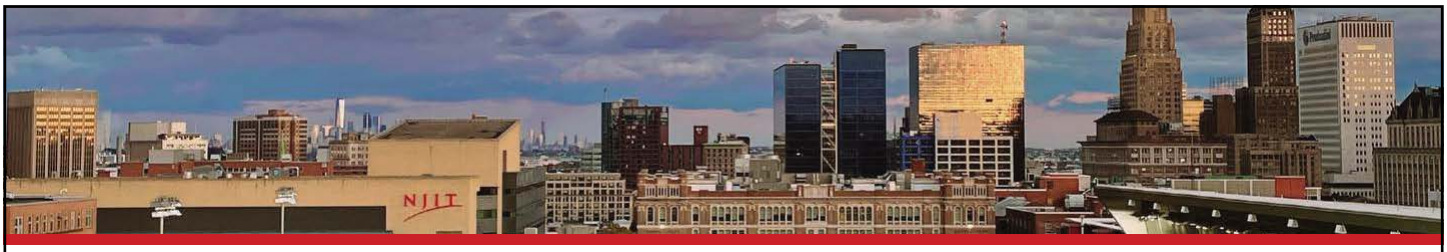
Salary and Benefits: Salary will be commensurate with education and experience. Indiana University provides a comprehensive benefits program for full-time appointed employees. Coverage for core benefit plans such as basic life insurance and a base retirement plan are entirely paid by the University.

Application Procedures: Review of applications will begin immediately. Applications received by January 2, 2025 will be assured full consideration, but we will continue accepting applications until the positions are filled. Interested candidates should review application requirements and apply online at:

https://indiana.peopleadmin.com/postings/26473

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

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



NJIT New Jersey Institute of Technology

Data Science Faculty Positions

The Department of Data Science at New Jersey Institute of Technology (NJIT) invites applications for tenure-track faculty positions starting in Fall 2025, with an emphasis in the following areas: 1) Natural Language Processing including LLMs, deep learning methods with text-only or multimodal data; and 2) Applied Machine Learning / Data Science with specific interests in applications to health informatics, medical informatics, or educational data mining.Exceptional candidates in other areas will also be considered. While we are interested in hiring at the rank of Assistant Professor, exceptional candidates at higher ranks will also be considered. Senior candidates will be expected to play a leadership role as the Associate Director of the new NJIT Institute for Data Science, whose Director is Distinguished Professor David Bader.

Applicants must have a Ph.D. degree by Summer 2025 in a relevant discipline, and outstanding academic credentials that demonstrate their ability to conduct independent world-class research and attract external funding. The successful candidate is also expected to show a commitment to both undergraduate and graduate education. International candidates are especially welcome.

NJIT is a Carnegie R1 Research University, with $166M research expenditures in FY21. The Department of Data Science is a new department launched in Fall 2021, currently has 19 faculty members and plans to grow significantly over the next five years. The department includes faculty at all levels including one Distinguished Professor, has faculty with an NSF CAREER award, active NSF and DOE grants, and an NVIDIA AI Lab. The department faculty develop foundational data science methods and conduct research to solve real-world grand challenges that leverage data science in application areas such as FinTech, Health Informatics, and Cybersecurity and play a key role in the NJIT Institute for Data Science, the Center for Big Data, the Cybersecurity Research Center, and the Center for AI Research. The department has strong connections with local industry and works closely with many companies through student Capstone projects, internships, co-ops and joint R&D projects; these include the major high-tech companies (Amazon, Facebook, Google, Microsoft) as well as financial / Wall Street companies (Bank of America, JP Morgan Chase) and Pharmaceuticals (Johnson and Johnson, Merck). Data Science participates aside of the Computer Science Department, which enrolls approximately 2,400 students at all levels across nine programs of study, and the Informatics Department, that enrolls 1,000 students at all levels, in the Ying Wu College of Computing (YWCC). YWCC comprises 34% of the NJIT enrollment, educating more than 4,000 students in computing disciplines, and graduating ~1,000 computing professionals every year. As such, it is the largest producer of computing talent in the tri-state (NY, NJ, CT) area.

You must submit additional candidate materials online at https://apptrkr.com/5853562; the additional candidate materials include a cover letter, CV, Research Statement, Teaching Statement, and the contact information for at least three references. NJIT recognizes the importance of Diversity, Equity, and Inclusion (DEI) in academia and society at large. Candidates who have a track record in DEI are requested to also submit an optional Diversity Statement.

Applications received by 15 December 2024 will receive full consideration. However, applications are welcome until the position is filled. Applications will be evaluated as they are received. Contact address for inquiries: ds-faculty-search@njit.edu

Diversity is a core value of NJIT and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff and students.

Building a robust and diverse community is critical to NJIT's continuing status as a premier institution of higher education and a leading polytechnic university.

To apply, visit https://apptrkr.com/5853562

Northeastern Illinois University

Assistant Professor, Computer Science

POSITION: Full-time tenure-track faculty at the assistant professor rank in the Department of Computer Science, ideally starting Summer 2025.

SALARY: Based on qualifications and experience.

QUALIFICATIONS: Ph.D. in Computer Science or closely related field. Candidates should have a strong commitment to teaching and ongoing scholarly activity. Applications are sought in all areas of computer science, although special consideration will be given to those with research and teaching interests in the following areas:

Data Science: artificial intelligence, natural language processing (including large language models), machine learning with ethical and societal constraints, data security and privacy, algorithmic fairness

Information Technology: computer architecture, cloud computing, security, networking, infrastructure safety, risk and compliance

Quantum Computing: quantum algorithms and frameworks, quantum communication networks, quantum teleportation, quantum machine learning

Candidates should be able to teach courses in their area(s) of research as well as a wide variety of other courses that we offer.

RESPONSIBILITIES: Northeastern Illinois University is a primarily teaching institution with a teaching workload of three courses per semester (fall/spring). In addition to teaching, the candidate will be responsible for advising Master's students on their projects or theses, keeping an active research agenda, and performing departmental and university-wide service.

UNIVERSITY: Northeastern Illinois University is a fully accredited public university serving around 6,000 full and part-time undergraduate and graduate students in the Chicago metropolitan area. NEIU engages its diverse campus community in a rich environment of teaching, learning, and scholarship. The University offers more than 80 academic programs in the arts, humanities, social sciences, STEM disciplines, education, and business. Northeastern is recognized as one of the most diverse universities in the United States and is federally designated as a Hispanic Serving Institution. NEIU's main campus is located on a 67-acre campus in a residential neighborhood on the northwest side of Chicago. Other campus locations include our El Centro campus building, the Carruthers Center for Inner City Studies, and the University Center of Lake County.

Currently, we have ten tenured/tenure track faculty. We have one of the largest departments on campus, around 400 undergraduate majors and 100 graduate students. Areas of research in the department include Human Computer Interaction, Data Science, Artificial Intelligence, Machine Learning, Cybersecurity, Internet of Things, Data Privacy, and Complexity Theory.

APPLICATIONS: Interested applicants should send a cover letter, CV, statement of teaching philosophy (with a discussion of the candidate's experience working with diverse student population), research statement, student course evaluations, and three letters of reference (with at least one addressing teaching effectiveness) to:

Computer Science:
computer-science@neiu.edu

Applications will be reviewed on a rolling basis until the position is filled.

Northeastern Illinois University is an Equal Opportunity/Affirmative Action employer and invites applications from Women, Minorities, Veterans and Persons with Disabilities, as well as other qualified individuals.

Northeastern University

Open Rank Tenure-Track Faculty Positions

The Khoury College of Computer Sciences at Northeastern University has multiple faculty positions at all ranks (Assistant Professor, Associate Professor, Full Professor), beginning academic year 2025-26 or 2026-27. The tenure home for this position will reside in the Khoury College of Computer Sciences, with a potential joint appointment in another Northeastern College, to be determined in consultation with the successful candidate. Academic rank at the Associate Professor and Full Professor levels will be commensurate with experience and qualifications reflecting a record of demonstrated teaching and scholarly excellence.

This hiring cycle will focus on Artificial Intelligence (AI). Candidates will be considered across all sub-areas of AI, with an emphasis on Resilient and Trustworthy AI, Foundations of AI, Human-Centered AI, and Use-Inspired AI. We are especially seeking applications from outstanding senior and mid-career faculty candidates with established research records, but exceptional early-career researchers will also be considered.

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

We will begin reviewing applications as soon as they are received, starting November 15, 2024, and continuing through the academic year until the search is completed.

Northeastern University is a global university system. In addition to Boston, Khoury College currently offers programs in Arlington (VA), London, Miami, Oakland, Portland (ME), Seattle, Silicon Valley, and Vancouver. Positions will primarily be on the Boston and Oakland campuses but

candidates may indicate their interest in other campus locations.

Khoury College has a diverse tenured/tenure-track faculty of 105 and it offers a broad array of research and educational opportunities to students. Since 2012, the college has hired 169 outstanding tenured/tenure-track and full-time-non-tenure-track faculty members and plans to continue this strategic growth in the coming years. Faculty research spans all areas of computing and is interdisciplinary across seven of Northeastern's colleges; 40 of the 105 tenured/tenure-track faculty have joint appointments with other academic departments, including Electrical and Computer Engineering, Art and Design, Health Sciences, Communication Sciences and Disorders, Physics, Political Science, Psychology, Philosophy and Religion, Business, Mathematics, and Law. Khoury faculty members are integral to Northeastern University's multidisciplinary institutes including the Network Science Institute, the Cybersecurity and Privacy Institute, the Institute for Experiential Robotics, and the Institute of Experiential Artificial Intelligence.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion.

All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

Northern Illinois University

Tenure-Track Assistant Professors in Cybersecurity

The ***Department of Computer Science*** at ***Northern Illinois University*** (NIU) seeks to hire tenure track Assistant Professors with expertise in Cybersecurity to join the new Cybersecurity program in August of 2025. Applicants should have an earned Ph.D. in cybersecurity or a closely related STEM field such as computer science, information technology, computer engineering, or electrical engineering with a focus on cybersecurity and its related topics by August 16, 2025.

The position involves assisting in curricula development, teaching the theory and practice of cybersecurity, including but not limited to, the security of computing systems and networking devices, cryptography, hardware and software security, communication system security, cloud and virtualization security, the usability of security, forensics, event remediation, security policy development and compliance, legal aspects related to cybersecurity, vulnerability assessment, risk and impact analysis, and Business Continuity/Disaster Recovery.

NIU and the Computer Science Department value diversity, equity, and inclusion (DEI). We expect candidates to equally value these principles and to serve as active participants and allies in working toward DEI initiatives.

Essential Duties and Responsibilities:

- Teaching undergraduate/graduate courses.
- Providing services to help develop and improve the cybersecurity program.
- Help develop the cyber range lab, virtual training labs, and hands-on classes.
- Develop, plan, coordinate, and evaluate cyber training/education courses, methods, and techniques based on instructional needs.
- Deliver professional cybersecurity and workforce training.
- Create a focused cybersecurity area of scholarly research and students' supervision.
- Help and support the program director's efforts to get the program CAE-CDE designated and to secure external funding to support the program.

Minimum Required Qualifications:

- Candidates must have or expect to complete a Ph.D. or equivalent degree in computer science, computer engineering, or related field by August 16, 2025.
- Candidates must have expertise or evident potential for quality teaching in cybersecurity at the undergraduate and/or graduate levels.
- Candidates must show evidence of, or potential for, publishing in premier peer-reviewed journals, developing an independent line of research, and securing external funding.

Additional Requirements:

- Candidates must have effective interpersonal communication skills and a commitment to working effectively and collegially in a multicultural environment.

Preferred Qualifications:

- A strong track record of cybersecurity experience in industry and/or government is preferred.
- Strong leadership skills and the ability to work collaboratively with colleagues, industry partners, and the broader community.
- Ability to teach a wide range of Cybersecurity and Computer Science topics.

Salary:

- Commensurate with experience and qualifications. NIU offers a robust benefits package.

Application Procedure:

Qualified individuals must submit as part of their application:

- Cover letter (2-page limit).

Should describe the candidate's interest in the position and how their expertise links to the research and teaching mission of the new cybersecurity program.

- Curriculum vitae (no page limit)
- Research statement (3-page limit).

Should articulate current and proposed research topics, settings or application areas, and potential funding sources. Description of efforts to advance equity for diverse communities, including populations that are historically underrepresented or marginalized in the field, to provide a welcoming, inclusive learning environment for all students should also be included here.

- Teaching statement (2-page limit).

Should describe the applicant's undergraduate and graduate teaching interests and experiences (both existing and future courses) and convey the candidate's understanding of evidence-based teaching practices. Description of efforts to advance equity for diverse communities, including populations that are historically underrepresented or marginalized in the field, to provide a welcoming, inclusive learning environment for all students should also be included here.

- List of 3 references

All materials must be submitted at *https://employment.niu.edu/postings/80622* by the priority date of **December 1, 2024**. Although priority review will commence after December 1, **the search committee will be reviewing applications on a rolling basis**, so applications submitted after December 1 are strongly welcomed.

A pre-employment criminal background investigation is required.

Equal Employment Opportunity Statement:

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

Northern Kentucky University

Multiple Faculty Positions – School of Computing and Analytics

The School of Computing and Analytics (SCA) at Northern Kentucky University (*http://nku.edu/sca*) invites applications for multiple tenure-track Assistant Professor positions, beginning in Fall 2025.

SCA offers 7 bachelor's programs and 4 master's programs, serving over 1,300 students. The school comprises 36 full-time faculty members, with 26 holding tenured or tenure-track positions.

For cybersecurity and information technology, apply here: *https://jobs.nku.edu/postings/14328*

For computer science and software engineering, apply here: *https://jobs.nku.edu/postings/14329*

For information systems and business analytics, apply here: *https://jobs.nku.edu/postings/14353*

Applications will be accepted until positions are filled.

Northwestern University

Tenure Track Positions

Faculty Openings

Four Tenure Track Positions

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

The Computer Science Department at Northwestern University invites applications to fill **four tenure-track faculty positions** at the **Assistant Professor** level.

Computer Science Core

We are interested in outstanding candidates broadly across computer science. The department is especially interested in growing in the areas of computer vision and imaging, machine learning, and theoretical computer science. Priority in all areas will be given to applicants with path-breaking research interests that have the potential to transform both Computer Science and other disciplines.

Assistant Professor in CS+X

These positions will be joint between Computer Science (which is within the McCormick School of Engineering) and other schools or departments at Northwestern, for individuals and teams exploring new research boundaries in computation. We are interested in applications from outstanding candidates broadly across computer science. We are especially interested in researchers who can bridge computer science and the Feinberg School of Medicine.

Assistant Professor in Embodied Artificial Intelligence, jointly appointed by the Department of Mechanical Engineering and the Department of Computer Science

We seek candidates who will lead pioneering research in embodied artificial intelligence: intelligent systems with embodiment that perceive, physically interact with, and respond to the physical world. Priority areas include, but are not limited to computational design, robotics, biohybrid machines, physically-embodied artificial intelligence and machine learning, and biologically-inspired perception.

Assistant Professor in Quantum Computing, jointly appointed by the Department of Computer Science and the Department of Electrical and Computer Engineering

We invite outstanding candidates who are excited by the opportunity to help build the future of **quantum computing** and **quantum information science** in a world-class university to apply for a full-time, tenure-track faculty appointment at the departments of Computer Science and Electrical and Computer Engineering. Specific areas of interest include, but are not limited to, quantum algorithms, quantum computing, quantum information, quantum error correction and mitigation, post-quantum cryptography, quantum systems architecture, quantum software systems, and other design areas related to quantum information science and quantum computing.

Additional information about each position, the expected base pay range for each position and application instructions can be found at *https://www.mccormick.northwestern.edu/computer-science/careers/*.

The base pay range is for a nine-month academic appointment, does not include summer salary, and is subject to negotiation. Research discretionary funding will also be provided. Summer salary, including from sponsored projects, may also be available. 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.

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**.*

Oklahoma State University

Assistant Professor

The Oklahoma State University (OSU) Department of Computer Science is seeking applications for a tenure-track assistant professor with a start date of August 2025. Preferable research and teaching interests are in game, simulation, AR/VR or related areas. To learn more about the positions and to apply, visit *http://apply.interfolio.com/161861*

The University is in Stillwater, Oklahoma, a micropolitan community of approximately 49,000 people with high-quality amenities and a comparably low cost of living. In addition to excellent healthcare, education (public and private primary and secondary schools), and recreational services, the community affords a rich variety of cultural activities typical of a major university environment.

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

Oakland University

Tenure Track Assistant Professor of Computer Science

The Department of Computer Science and Engineering needs to fill three tenure-track assistant professor positions. The department is looking for candidates in the broad areas of Data Science, Cybersecurity, and Computer Systems, although outstanding candidates in other related areas will also be considered. The position will begin on August 15, 2025. Candidates must show exceptional promise in both research and teaching. Candidates should have an appreciation of and commitment to the value of diversity and work with a diverse faculty and student body.

Minimum Qualifications:

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

School/College/Dept Summary:

The department offers B.S. degrees in Computer Science, Information Technology, Cybersecurity, Data Science, and Artificial Intelligence; M.S. degrees in Computer Science, Cybersecurity, Software Engineering and Information Technology, and Artificial Intelligence; and a Ph.D. in Computer Science and Informatics. For more information about the department and Oakland University, please visit their respective homepages.

OU Standard:

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

lives of its students and positively impact the broader community. Learn more about Oakland University's *Mission & Vision* and *Strategic Plan*.

Special Instructions:

Review of applications will begin on December 9th, 2024 and continue until the positions are filled. Applicants should submit a letter of intent, CV, transcripts (unofficial), a diversity statement, a statement of research, a statement of teaching.

- The diversity statement will describe their interest or efforts in furthering diversity and inclusion e.g., through mentoring, pedagogy, activism, faculty recruitment/ retention, or research on issues related to diversity and social equality.
- The teaching statement should include a list of undergraduate and graduate courses that the applicant will be willing to teach as well as outlines of two courses that the applicant would like to introduce. Information about the current courses offered by the department is available on the departmental website at *https://www.oakland.edu/secs/departments/cse/*.
- Applicants will be asked for the names and email addresses of three references in the application process. References will be contacted to upload the letter of reference directly.

Link: *https://jobs.oakland.edu/postings/32813*

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

Old Dominion University

Tenure Track/Tenured Faculty Positions: Cybersecurity + AI

Tenure Track/Tenured Faculty in Trustworthy Artificial Intelligence (AI)

Old Dominion University (ODU) seeks candidates for three faculty positions as part of a cluster hiring initiative for ***Trustworthy Artificial Intelligence (AI)***. We seek faculty whose research will complement ODU's areas of strategic emphasis, including safety, security, privacy, ethical, and societal implications of AI systems. The cluster hire involves interdisciplinary collaboration among the School of Cybersecurity, the Department of Computer Science, and the Department of Sociology & Criminal Justice, and builds on existing interdisciplinary strengths at ODU.

- Associate or Full Professor of Trustworthy AI in the School of Cybersecurity (Tenured). We seek an experienced, accomplished, and visionary candidate to serve as the lead of this cluster. This position will build, direct, and run multidisciplinary research in collaboration with other members of the cluster and existing ODU faculty. Apply at: *https://jobs.odu.edu/postings/21963*
- Assistant Professor of Cybersecurity in the Department of Computer Science (Tenure Track). We are especially interested in candidates who are experienced in interdisciplinary research and applying AI and machine learning techniques in cybersecurity and AI/ ML security. Apply at: *https://jobs.odu.edu/postings/21964*
- Assistant or Associate Professor in the Department of Sociology & Criminal Justice (Tenure Track/Tenured). Apply at: *https://jobs.odu.edu/postings/21965*

Applications must be submitted by **December 15, 2024**, for full consideration, and the positions will remain open until filled. Questions about these positions should be directed to Daniel Takabi, Chair of the Trustworthy Artificial Intelligence (AI) Cluster Hire Initiative.

Climate Informatics/AI Tenure-line Faculty Position

The College of Information Sciences and Technology (IST), Penn State Climate Consortium, and Institute for Energy and the Environment (IEE) at **The Pennsylvania State University** invite applications for a **tenure-line faculty position** in **Data Science, Artificial Intelligence (AI)** and/or **Socio-technical Systems** located in State College, Pennsylvania.

This position provides a unique opportunity to serve as a bridge between the College of IST and Penn State's vibrant climate research community, fostering interdisciplinary collaborations and contributing to impactful research in climate science.

See: https://apptrkr.com/5814092 for full job ad.

Tenure-Track Position in the Department of Computer Science and Engineering

Tenure-Track Position in Computer Science and Engineering

Applications are invited for a **tenure-track position** at the **Assistant, Associate and/or Full Professor** levels across all areas of **Computer Science and Engineering (CSE)**, at **The Pennsylvania State University, University Park campus**. The department has hired 21 faculty in the last four years (14 in the last two years) and aims to continue its rapid growth across different areas over the coming years. Computer Science and Engineering welcomes diversity among its workforce and works within the Penn State community to address special considerations, as needed. We are looking to fill positions specifically in the following areas:

- ***Theoretical Computer Science:*** All areas will be considered, algorithms, theoretical machine learning, cryptography, quantum computing, and computational biology.
- ***Computer Security:*** All areas of computer security will be considered, including software security, systems and hardware security, network security, and applied cryptography. We offer a top-ranked security research environment (as per csrankings.org) across these disciplines.
- ***Data Science:*** All areas of machine learning, AI, and data science will be considered, including theory, NLP, computer vision, robotics, optimization, fairness, and applications to scientific data.

In addition to submitting the Penn State application, an application must be submitted at https://academicjobsonline.org/ajo/jobs/29180. Candidates must apply to both sites to be considered. Please note that the Department of Computer Science and Engineering jobs are posted under Multiple Tenure Track Positions in the Department of Computer Science and Engineering, Penn State University.

Applicants must hold a Ph.D. in Computer Science or closely related field by the start date and should be committed to excellence in both research and teaching. The applicant must have demonstrated ability as an instructor and mentor, and in research as well as evidence of growth in scholarly or professional achievements. Those considered for the Associate and full Professor levels must have established a national/international track record of excellence in scholarship and research. The Associate Professor should possess the same qualifications as the Assistant Professor but must also provide evidence of an established reputation in scholarly or professional achievement. The Professor should possess the same qualifications as the Associate Professor but must also provide evidence of a substantial record of advanced research and/or creative work, and of leadership in their field of specialization.

Job duties at each rank include research and teaching undergraduate and graduate courses.

Our department, and the University as a whole, provides unusually rich collaboration opportunities due to its seven major interdisciplinary institutes (as well as other smaller institutes), a large, diverse range of colleges and departments, numerous venues for inter-departmental colloquia and the like, and excellent internal support for successful grantsmanship. We expect our hires to establish a strong research program, supervise graduate and undergraduate students, and teach relevant undergraduate and graduate courses.

Applicants should submit a detailed curriculum vita listing all publications, research and teaching statements, and the names and email addresses of four references.

Applications will be reviewed starting December 15, 2024, and continue until the positions are filled.

Penn State is a premier public research, land grant university. The Department of Computer Science and Engineering is a part of the School of EECS in the College of Engineering. We are looking for candidates who will add to the department's diverse culture and research strengths.

The University is located in State College, which is ranked one of the best college towns in the U.S. The area offers a wide variety of cultural and outdoor recreational activities, and outstanding University events, from collegiate sports to fine arts productions. The public-school system is excellent, with a nationally ranked high school by U.S. News and World Report.

Penn State is committed to and accountable for advancing diversity, equity, and inclusion in all its forms. We embrace individual uniqueness, foster a culture of inclusion that supports both broad and specific diversity initiatives, leverage the educational and institutional benefits of diversity, and engage all individuals to help them thrive. We value inclusion as a core strength and an essential element of our public service mission.

Apply Online at: https://apptrkr.com/5817418

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.

Professional Opportunities

Cybersecurity at ODU: ODU has been designated by NSA as a National Center of Academic Excellence in Cyber Research (CAE-R), Cyber Operations (CAE-CO), and Cyber Defense (CAE-CD). ODU is among a handful of elite universities that have received all three CAE designations. ODU is also home to the Coastal Virginia Center for Cybersecurity Innovation (COVA CCI), an engine for research, innovation, and commercialization of next generation cybersecurity technologies, which is part of the Commonwealth Cyber Initiative and funded by the Commonwealth of Virginia.

Purdue University

Assistant or Associate Professor of Practice in Computer Science

Assistant or Associate Professor of Practice in Computer Science

The Department of Computer Science in the Colleges of Science and Engineering at Purdue University solicits applications for multiple Professor of Practice positions at the Assistant or Associate Professor level. Professors of Practice participate in departmental, college, and university-level activities and have professional development opportunities. The positions are non-tenure track faculty positions.

The department invites applications for three types of positions:

Professor of Practice positions at the Purdue University West Lafayette campus. Responsibilities include traditional instruction (lecture courses, lab courses) of undergraduate courses, management of teaching assistants, development of course content, participation in course and curriculum development, and interaction with students and student teams.

Professor of Practice positions at the Purdue University Indianapolis campus. Responsibilities include traditional instruction (lecture courses, lab courses) of undergraduate courses, management of teaching assistants, development of course content, participation in course and curriculum development, and interaction with students and student teams. This new urban campus extends Purdue's mission and impact with a first-of-its-kind Hard-Tech Corridor, stretching between Indianapolis and our flagship West Lafayette campus.

Professor of Practice position for Purdue Online Programs. The position is with the Department of Computer Science at West Lafayette and fully remote work is possible. Purdue's Online Programs are designed to make a high-quality education as accessible and affordable as possible. This position supports courses and programs in the areas of Data Science, Information Security, Artificial Intelligence and Software Engineering.

For more information about each position and application instructions, see *https://www.cs.purdue.edu/hiring/index.html*

Purdue University

Tenure-Track Assistant Professors in all areas of Computational Biology, Computational/Statistical Genomics, Structural Proteomics, and Bioinformatics

The College of Science at Purdue University seeks applications for multiple tenure-track Assistant Professor positions in all areas of Computational Biology, Computational/Statistical Genomics, Structural Proteomics, and Bioinformatics. Examples of areas of interest include but are not limited to computational, statistical, or experimental advancements in genomics, proteomics, metabolomics, multi-omics integration, computational neuroscience, computational modeling and analysis of brain function, neural systems and behavior, biological imaging, biomolecular structure modeling and design, bioinformatics or health informatics, and biomedical and biological applications of artificial intelligence (AI). Application areas may include but are not limited to Neuroscience, Cellular and Molecular Biology, Microbiology, Infectious Disease, Drug Discovery, Cancer, Ecology and Evolutionary Biology. Successful candidates may focus on purely computational/statistical research or experimental "wet lab" research, or a combination of both. We welcome applicants whose work bridges these areas to address critical challenges in biology.

The departments participating in this search include Biological Sciences, Computer Science and Statistics. We are especially interested in fostering interdisciplinary collaboration and we anticipate appointments either in a single department or joint appointments across these departments, with tenure homes as appropriate for each candidate based on their interests.

The search is motivated by two major strategic initiatives recently launched at

Purdue University that will connect faculty and students from across the institution and enable the university to advance to the forefront with unparalleled excellence at scale: Purdue Computes (*https://www.purdue.edu/computes/*), consisting of three dimensions (Computing, Physical Artificial Intelligence, and Semiconductors); and Purdue One Health expanding knowledge of animal, human and environmental well-being (*https://www.purdue.edu/onehealth/*).

Purdue Biological Sciences, Computer Science, and Statistics

Purdue is one of the nation's leading land-grant universities (top 10 most innovative for six years in a row according to US News & World Report), with an enrollment of over 50,000 students primarily focused on STEM subjects. The three departments participating in this search (Biological Sciences, Computer Science, and Statistics) offer a stimulating academic environment with active research programs in almost all areas related to Computational Biology.

For more information, see Purdue Biological Sciences: *https://www.bio.purdue.edu/*;Purdue Computer Science: *https://www.cs.purdue.edu*, Purdue Statistics: *https://www.stat.purdue.edu/*.

Opportunities for collaboration exist across all colleges in the university. The Life Sciences Institutes and the Institute for Physical AI provide additional opportunities and resources for collaboration across the entire Purdue campus (Purdue Discovery Park: *https://discoveryparkdistrict.com/*, Purdue Institute for Physical AI: *https://www.purdue.edu/computes/institute-for-physical-artificial-intelligence/).*

Purdue's main campus is located in West Lafayette, Indiana, a rapidly growing, welcoming, and diverse community with a wide variety of cultural activities, events, and industries. With the new Purdue Indy campus (*https://www.purdue.edu/campuses/indianapolis/*), there may also be an opportunity to be based in Indianapolis. Purdue also offers a Concierge Program that provides dual career assistance and relocation services

Qualifications

Candidates must hold a Ph.D. degree in a field related to the Life Sciences, Computer Science, Statistics, or any related discipline by the employment start date and demonstrate potential to build an independent research program, as well as the potential to educate and mentor students. A successful candidate will conduct externally funded original research, advise graduate students, teach undergraduate and graduate-level courses, and offer service at the Department, College, and University levels.

Application Process

Applications need to be submitted to *https://careers.purdue.edu/job/Assistant-Professor-Computational-Science/34285-en_US/* including (1) a complete curriculum vitae, (2) a statement of research and a statement of teaching, and (3) names and contact information of at least three references. You are advised to ensure that your Google Scholar profile is up to date, although this is not a requirement.

If selected by the committee, you will be first invited to a video interview, and, if you advance to the next phase of the process, you will be invited to an on-site interview. If selected by the committee for an on-site interview, you will receive an email with instructions on how to submit your references.

Applications will be considered beginning December 2, 2024, and will be reviewed until the positions are filled. A background check will be required for employment in this position. For any questions related to this search please email *computational-biology@purdue.edu*.

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

Rutgers University

Non-Tenure Track Faculty Position

The Department of Computer Science at Rutgers University invites applications for an instructional, non tenure track position. A PhD degree in Computer Science or closely related field is required. The teaching faculty position targets Rutgers's instructional needs in the areas of AI, Machine Learning, and Data Science. Rutgers has recently launched a new major in Data Science and is committed to teaching excellence at the undergraduate and graduate levels. We are searching for an Assistant Teaching Professor or Associate Teaching Professor, but will consider excellent applications for all ranks, including Teaching Professor and Distinguished Teaching Professor.

Depending on experience, suitable candidates will be invited to teach in our Masters program or to develop and manage applied learning opportunities such as internships. The appointment will start September 1, 2025.

Computer Science is the largest undergraduate major in the School of Arts and Sciences. Rutgers is located in New Jersey, a demographically diverse state. Our student body reflects this diversity. The School of Arts and Sciences and the Computer Science Department are interested in hiring more faculty who look like our students.

The standard teaching load is five courses per year, which can be reduced in recognition of negotiated duties toward the research and service missions of the Department. Responsibilities include teaching computer science undergraduate classes, interviewing and hiring recitation instructors and graders (typically senior undergraduate or masters students), coordinating and supervising recitation sections, creating exams, homework, and programming assignments, possibly in collaboration with other instructors, coordinating and supervising grading, and curriculum development. Other duties, such as managing applied learning opportunities such as internships, are also possible depending on experience.

Applications received by January 1, 2025, will be given priority. For questions regarding this position please contact: *ntt-hiring@cs.rutgers.edu*

For more information about CS at Rutgers go to https://cs.rutgers.edu and for Data Science see *https://mps.rutgers.edu/data-science*

To apply for the position, go to: *https://jobs.rutgers.edu/postings/239264* and submit your CV and contact information for three references.

Rutgers subscribes to the value of academic diversity and encourages applications from individuals with varied experiences, perspectives, and backgrounds. Women, minorities, and persons with disabilities are encouraged to apply. Rutgers is an affirmative action/equal opportunity employer. Offer is contingent upon successful completion of all pre-employment screenings.

Rutgers University

Tenure-Track / Tenured Positions in Computer Science, Rutgers University at New Brunswick

The Computer Science Department at Rutgers University, New Brunswick NJ, invites applications for multiple tenure-track/tenured positions at the Assistant Professor and Associate Professor levels. We will consider outstanding candidates at the Professor level as well.

We invite applications from candidates making research contributions in any area of CS, and welcome applicants with interdisciplinary approaches. We are especially interested in Artificial Intelligence, Machine Learning and Data Science, Cyber Security and Systems Security, and other subfields with broad potential for collaborative impact across the department and the university.

Rutgers is committed to investing significant resources to promote interdisciplinary research and education in Data Science and Artificial Intelligence. One possible appointment this year will be part of a larger interdisciplinary cluster hire at Rutgers. The successful candidate will be expected to contribute to cluster initiatives as well as to Rutgers research and education programs in Data Science, Machine Learning, and AI.

New Jersey is a demographically diverse state. Our student body reflects this diversity. Our department and the School of Arts and Sciences are interested in hiring more faculty who look like our students. We welcome applications from all qualified candidates, including those with non traditional career paths or who have achieved excellence in careers outside academia.

Responsibilities will include research, supervision of Ph.D. students, and teaching undergraduate- and graduate-level courses in Computer Science. Pursuit of external research funding is expected.

Requirements: Successful completion of a Ph.D. in Computer Science or a closely related field is required by the start date.

Timeline: The appointment will start September 1, 2025. Applications received by January 1, 2025, will be given priority.

How to Apply: Applicants should submit their cover letter, CV, a research statement addressing both past and future work, a diversity statement outlining accomplishments and approach for broadening participation in computing, a teaching statement, and contact

information for at least three references. For details, including application procedure, please see *https://go.rutgers.edu/CSTTfaculty*

Contact Info: *hiring-committee@cs.rutgers.edu*

Rutgers Policies: Offer is contingent upon successful completion of all pre-employment screenings. Rutgers is an equal opportunity employer: see *http://uhr.rutgers.edu/non-discrimination-statement*

SAN FRANCISCO BAY UNIVERSITY

Postdoctoral Teaching Fellow in Computer Science

Category: Faculty
Type: Full Time
Min. Experience: Senior Level
Salary: $85,000 - $95,000

San Francisco Bay University seeks a dedicated Postdoctoral Teaching Fellow to deliver key content in SFBU's Masters of EE, MS in CS, MS in Data Science, and BS in CS, as well as contribute to our innovative core curriculum. This is a full-time, non-tenure-track opportunity to help transform higher education.

Responsibilities: A 12-month position to teach 7 courses per year. Courses offered every term, and teaching schedules vary between 2-3 courses per term. Classes capped at 20 students/course.

- Teaching Excellence
- Curriculum Development
- Advisement and Mentorship
- Inclusive Education
- Engagement
- Quality Improvement
- Professional Learning
- Service

Required Qualifications:
- Ph.D in EE and CE, CS or related field.
- Teaching experience and commitment to pedagogy.
- Passion for mentoring students in their growth.
- Strong communication and collaboration skills.
- Commitment to DEI in education and practice.

Salary Range: $85,000-$95,000/ year, renewable upon performance review.

To apply, please visit: https://apptrkr.com/5800431

Stony Brook University

Assistant Professors (tenure track) in Responsible AI and Societal Impacts of AI, Technology and Society - College of Engineering and Applied Sciences

The Department of Technology and Society (DTS) at **Stony Brook University** is seeking applicants for **two tenure-track Assistant Professor** positions:

- **Responsible AI** – Focused on advancing knowledge and research in the ethical and responsible development of artificial intelligence.
- **Societal Impacts of AI** – Concentrating on the broader social, cultural, and economic effects of AI technologies.

To Apply, Visit:

Responsible AI: http://apply.interfolio.com/157264

Societal Impacts of AI: https://apptrkr.com/5875142

Applications received by February 15, 2025 will receive full consideration. Candidates who apply on or after February 15, 2025 will be considered on a rolling basis until the position is filled.

University of Arizona

Assistant or Associate Professor, Computer Science (Multiple Positions)

The Department of Computer Science at the University of Arizona invites applications for multiple tenure-track/tenured faculty positions, including both Assistant and Associate Professor positions, in all areas of Computer Science. One of the positions is collaborative with the Statistics & Data Science Graduate Interdisciplinary Program (GIDP) and is expected to be in the general area of Artificial Intelligence, Machine Learning, and/or Data Science.

The Department of Computer Science has a long history of research accomplishments, influential software distribution, and substantial external funding. The department currently has 18 tenure-track faculty and 11 teaching faculty. We offer three undergraduate degrees (B.S. and B.A in Computer Science and B.S. in Artificial Intelligence) and two graduate degrees (MS and PhD in Computer Science). Current research areas include algorithms, bioinformatics, compilers, computational geometry, databases, high-performance computing, machine learning, natural language processing, networks, operating systems, security, computer vision, and visualization. The department is in the College of Science, which includes other highly ranked departments such as Astronomy and Geosciences, with which Computer Science faculty actively collaborate.

As part of a Hispanic Serving Institution, the department is committed to

Assistant/Associate/Full Professor and Teaching Professor Positions - SUNY Korea

The Computer Science Department of SUNY Korea invites applications for **tenure-track and teaching-track positions**, to start in **Spring 2025 or Fall 2025**.

(A) Tenure-Track Faculty Position: An excellent faculty member is sought at all levels in all areas of computer science. The position will be tenured or tenure-track at SUNY Korea, and will carry an affiliated faculty position with the Computer Science Department at Stony Brook University – State University of New York (SUNY), Stony Brook, NY. Applicants should hold a PhD in Computer Science or closely related field and exhibit a strong commitment to research and teaching.

(B) Teaching-Track Faculty Position: A highly qualified full-time teaching faculty is sought at the junior or senior level. The candidate is expected to teach introductory and advanced CS undergraduate and possibly graduate courses. It is possible for an excellent candidate to be converted into tenure-track at SUNY Korea at a later time. Engaging in research is encouraged but not mandatory. Applicants should hold a PhD or MS in Computer Science or a closely related field and exhibit a strong commitment to teaching.

The SUNY Korea CS department offers BS (ABET accredited), MS, and PhD degree programs and is tightly integrated with the highly ranked CS department at Stony Brook University. The academic degrees awarded at SUNY Korea are identical to those of Stony Brook University, and the language at SUNY Korea is English.

SUNY Korea is located in the new master-planned city of Songdo, Korea, hosting both global organizations and multinational corporations. Incheon international airport is just 25 minutes away and Seoul with its fascinating blend of Asian cultures is less than 1 hour away.

More information about the positions and application instructions can be found at: https://apptrkr.com/5860622

Review of applications will start immediately and will continue until the positions are filled. We value diversity and seek candidates who can contribute to a welcoming climate for all students. We strongly encourage applications from women and underrepresented groups.

addressing barriers in the field. We encourage applications from people who share our vision of bringing a transformational educational experience to our students and who are committed to anti-bias practices and mentoring under-represented students. We are particularly interested in receiving applications from members of groups that have been historically underrepresented in their chosen fields.

The University of Arizona is located in the heart of Tucson, the second largest city in Arizona. The Tucson metro area has over one million people, has its own international airport, and is close to Phoenix with a population of over five million. It is surrounded by saguaros and 4 mountain ranges and has ample opportunities for leisure activities, including amazing biking, hiking, rock climbing, horseback riding, and caving. Tucson is one of 49 UNESCO Cities of Gastronomy and has a vibrant music and art scene.

Review of applications will begin November 15, 2024, and continue until the positions are filled.

Outstanding UA benefits include health, dental, and vision insurance plans; life insurance and disability programs; sick leave and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; retirement plans; access to UA recreation and cultural activities; and more!

The University of Arizona has been recognized for our innovative work-life programs. For more information about working at the University of Arizona and relocations services, please visit ***https://talent.arizona.edu/***

To apply, complete an online application at the UofA Human Resources website: ***https://arizona.csod.com/ux/ats/careersite/4/home/requisition/20889?c=arizona***

Stony Brook University

Tenure-Track Assistant Professor in AI Department of Computer Science

Stony Brook University's Department of Computer Science invites applications for a tenure-track assistant professor position with an expected starting date of Fall 2025. We are interested in candidates with backgrounds in all areas of artificial intelligence and machine learning. We are particularly interested in hearing from candidates with expertise in computer vision, GenAI approaches for programming, and AI and society. Stony Brook is making significant investments in AI with the creation of the AI Innovation Institute (AI3) and is partnering with NY State and SUNY with initiatives like Empire AI, SUNY STRIVE for AI, and SUNY-IBM AI Research Alliance.

Applicants should hold a Ph.D. in Computer Science or a closely related discipline, have outstanding scholarly records and stellar potential in their field of study, and demonstrate a sincere commitment to teaching and mentoring. The department values diversity and seeks candidates who can contribute to a welcoming climate for all students. We strongly encourage applications from women and underrepresented groups.

The Department of Computer Science currently has 60 full-time faculty members and over 2200 students in its undergraduate, masters and doctoral programs combined. The department is either home to or has significant partnerships with several interdisciplinary centers on campus. They include the AI Innovation Institute (AI3), National Security Institute (NSI), Center for Visual Computing (CVC), Center of Excellence in Wireless and Information Technology (CEWIT) and Institute of Advanced Computational Science (IACS). More information about the department is available from its web site www.cs.stonybrook.edu.

Application Instructions
Applicants need to electronically submit a curriculum vitae, statements of teaching, research and diversity and three letters of recommendation or evaluation. Please apply here with the requested documents. Questions should be directed to recruit@cs.stonybrook.edu.

Apply Here: https://apptrkr.com/5814088

University of Arizona

Career-track (teaching) Faculty in Computer Science

Career-track (teaching) Faculty in Computer Science

The Department of Computer Science at the University of Arizona is accepting applications from dedicated educators for non-tenure-eligible, Career-Track (i.e., teaching) faculty positions at all ranks. Teaching faculty are vital to the department's mission and are appointed with the expectation of long-term employment. The typical teaching load is two courses in each of the Fall and Spring semesters, but factors such as class size may reduce that load. Career-track faculty at all ranks teach both core and elective undergraduate courses based on their interests and department needs, and actively participate in departmental faculty meetings, decision-making, planning, and service.

Career-Track faculty positions offer a well-defined promotion path along two tracks.

Applicants for the Professor of Practice track must have earned a Ph.D. in Computer Science or a closely related discipline by the time of appointment. Applicants will be considered for appointment at the Assistant Professor of Practice, Associate Professor of Practice, or Full Professor of Practice ranks based on experience and evidence of teaching quality and effectiveness.

Applicants for the Lecturer track must have earned an M.S. or Ph.D. in Computer Science or a closely related discipline by the time of appointment. Applicants will be considered for appointment at the Lecturer, Senior Lecturer, or Principal Lecturer ranks based on experience and evidence of teaching quality and effectiveness.

As of Fall 2024, the Department of Computer Science has 29 faculty members, including 10 Career-Track faculty. The Department has a long history of excellent undergraduate and graduate instruction and research accomplishments with a diverse and enthusiastic student body.

As part of a Hispanic Serving Institution, the department is committed to addressing barriers in the field. We encourage applications from people

who share our vision of bringing a transformational educational experience to our students and who are committed to anti-bias practices and mentoring under-represented students. We are particularly interested in receiving applications from members of groups historically underrepresented in their chosen fields.

Among generous benefits, the university offers reimbursement for qualified childcare expenses, qualified tuition reduction for eligible family members, and 12 weeks of paid parental leave plus an additional 12 weeks of unpaid parental leave. The University of Arizona has been recognized for its innovative work-life programs.

The university is in Tucson, the heart of a metropolitan area of over a million people, surrounded by four mountain ranges. Tucson boasts a warm desert climate, 350 sunny days per year, and a wide variety of outdoor activities, including hiking, biking, rock climbing, and spelunking. Outside the rainforest, Tucson is reported to have the largest number of bird species in the world. Tucson is one of the two US cities in the UNESCO Cities of Gastronomy and has a vibrant music and art scene.

To apply, complete an online application at the UA Human Resources website. The link for the Lecturer track is at

https://arizona.csod.com/ux/ats/careersite/4/home/requisition/20695?c=arizona

and the link for the Professor of Practice track is at *https://arizona.csod.com/ux/ats/careersite/4/home/requisition/20698?c=arizona*

Be sure to include, as directed, (a) your curriculum vitae, (b) a statement of your teaching philosophy and interests, and (c) the names and contact information of at least three professional references.

The University of Arizona is an EO/AA employer-M/W/D/V. Equal Opportunity Employer Minorities/Women/Vets/Disabled.

Review of applications will begin immediately and will continue until the positions are filled. Please email *lecturersearch@cs.arizona.edu* if you have any questions or need assistance.

University of Buffalo

Tenure-Track Assistant Professors in all areas of Computational Biology, Computational/Statistical Genomics, Structural Proteomics, and Bioinformatics

Multiple Positions in Computer Science and Engineering

The Department of Computer Science and Engineering (CSE) at the University at Buffalo (UB) invites candidates to apply for multiple positions at various ranks within our department. The successful candidates will be expected to teach courses at the graduate and undergraduate levels, mentor graduate students, advise students at all levels, and maintain an active research program. We are particularly looking for candidates who can operate and lead effectively in a diverse community of students and faculty and share our vision of helping all constituents reach their full potential.

Professor of Empire Innovation, Computer Science and Engineering

We invite prominent leaders in the foundational areas of Trustworthy Artificial Intelligence and Robotic Systems, including computer vision (including video analysis and 3D reconstruction), machine learning (including big data analytics and adversarial machine learning), natural language processing (audio-visual multimodal understanding), autonomous systems (such as driverless cars), human-robot collaboration (focusing on attack modeling, privacy preservation, and safety guarantees), knowledge representation and reasoning, and cognitive science (computational linguistics, philosophy, and computer modeling of neural networks and brains).

Apply Here: *https://www.ubjobs.buffalo.edu/postings/52648*

Cluster Hire in Artificial Intelligence (AI)

Recognizing the transformative potential of Artificial Intelligence (AI), the School of Engineering and Applied Sciences (SEAS) at UB seeks applicants with a strong research background in AI for a multi-departmental faculty cluster that will engage collaboratively on a variety of shared problems that can benefit from the application of emerging data science tools. The faculty hired in CSE is expected to focus broadly on natural language processing, artificial intelligence, machine learning, and information retrieval.

The cluster will emphasize a new model for multidisciplinary collaboration among

faculty within this group and with existing colleagues across SEAS and UB. Applicants should have a strong and demonstrated commitment to collaborative research and education engagement. The successful Associate Professor or Full Professor candidate should have a record of scholarly accomplishments, teaching experience, and a sustained externally funded research program.

Apply Here: *https://www.ubjobs.buffalo.edu/postings/53853*

University of Chicago

Senior Instructional Professor

The Department of Computer Science at the University of Chicago plans to launch an online modality of its Masters Program in Computer Science (MPCS, *https://masters.cs.uchicago.edu*), and invites applications for a Senior Instructional Professor (SIP) position that would hold a concurrent appointment as the inaugural Academic Director of the online program. The selected candidate will be appointed as Assistant Senior Instructional Professor, Associate Senior Instructional Professor, or (Full) Senior Instructional Professor, with rank determined by qualifications. The appointment will be for a term of up to five years, renewable. This is a career-track position with competitive salary and benefits.

The MPCS is a successful in-person MS program that has been running for over 25 years, offering a comprehensive and professionally-oriented computer science education that combines the foundations of computer science with the applied and in-demand skills necessary for careers in technology. The MPCS seeks to launch an online modality of its program that delivers a unique and high-quality educational experience designed specifically for remote students, with a targeted launch date of Autumn 2026.

The person hired into the SIP / Academic Director role would have an expected start date on or around July 1, 2025, and would join ongoing efforts in 2025/26 to launch the program in Autumn 2026, including designing the curriculum of the program, advising faculty on the design and implementation of online courses, and

Berkeley
UNIVERSITY OF CALIFORNIA

Assistant/Associate/Full Professor
Digital Security, Safety, and Trust
School of Information

The School of Information at the University of California, Berkeley, invites applications for an appointment to the faculty at the **Assistant, Associate, or Full Professor** rank with an expected start date of July 1, 2025.

For more information about the position, including required qualifications and application materials go to: https://apptrkr.com/5806641

Please direct questions to: dean@ischool.berkeley.edu.

Berkeley is committed to addressing the family needs of faculty, including dual career couples and single parents. Additional information is available at https://ofew.berkeley.edu/welfare/families.

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. For the complete UC nondiscrimination and affirmative action policy see: http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct.

Berkeley is committed to advancing diversity, equity, and inclusion, and values the contributions of candidates in this area. Our excellence can only be fully realized by faculty, students, and staff who share our commitment to these values. Successful candidates for our faculty positions will demonstrate evidence of a commitment to equity and inclusion.

UCLA **Open Rank Teaching Professor Position in Computer Science**

Description The Computer Science Department at the UCLA Henry Samueli School of Engineering and Applied Science invites applications for a Teaching Professor at all ranks (officially called Lecturer with Potential Security of Employment, Lecturer with Security of Employment, and Senior Lecturer with Security of Employment). This is a permanent position, analogous to tenure-track, with Academic Senate membership and an expectation of participation in governance and management of the university's educational program through committee service, curriculum development, and administration. The teaching load is six courses per year on a quarter system. The department has an incredibly strong and passionate group of undergraduate and graduate students and is in an exciting faculty growth phase, having hired 11 Assistant Professors in the past two years in high-impact areas of research and education. Salary will be commensurate with experience and University of California pay scales.

The ideal candidate would have the following qualifications: A Ph.D. in computer science or a closely related field, or an M.S. in computer science or a closely related field along with significant additional relevant experience.

How to apply: Application packages should be submitted online through **https://apptrkr.com/5845359** and include the following documents: 1) curriculum vitae, 2) teaching portfolio, including a list of courses taught along with enrollment statistics and teaching evaluations, 3) teaching statement, 4) statement of contributions to equity, diversity, and inclusion, 5) an optional statement of research interests, and 6) a cover letter. Review of applications will begin on December 1, 2024 and continue until the position is filled.

Reference Requirements: 3-5 required (contact information only)

The University of California is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the University of California Nondiscrimination & Affirmative Action Policy.

UCLA

Multiple Tenure-track Assistant Professor Positions in Computer Science

Description: The Computer Science Department at the **UCLA Samueli School of Engineering invites applications for a tenure-track Assistant Professor faculty position in all areas of computer science**. Applicants must have a demonstrated record of excellence in, or show exceptional promise for, high-quality research, teaching, and professional development. Our hiring priority is focused on the frontiers of Computer Science research, where a candidate's impact, originality, and promise for developing and maintaining a strong, extramurally supported research program has been demonstrated. We are interested in outstanding candidates who are committed to excellence in teaching and scholarship and to a diverse campus climate.
This position requires a Ph.D. or equivalent in Computer Science or a closely related discipline at date of hire.

How to Apply: Application packages should be submitted online through: https://apptrkr.com/5839876

and include the following documents: 1) curriculum vitae, 2) a cover letter, 3) statement of research interest, 4) statement of teaching interest, 5) reference check authorization form, 6) a statement of contributions to equity, diversity, and inclusion, and 7) 3 reference letters.
We encourage candidates to send in their applications as soon as possible. Applications submitted by December 1, 2024 will receive full consideration; review will continue until the position is filled.

Reference Requirements: 3-5 required (contact information only)

The University of California is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the University of California Nondiscrimination & Affirmative Action Policy.

working with staff on setting up various administrative processes for the online program. This position provides a unique opportunity to influence the design of a new program from its outset.

Ongoing responsibilities after the launch of the program include hiring, evaluation, supervision, and mentoring of academic appointees of the online program, as well as supporting the online program's curricular development through oversight of content, learning objectives, and ensuring course structure alignment both within the online program and as compared to the in-person program. The

UNIVERSITY OF CALIFORNIA SANTA CRUZ

Technology and Information Management: Associate or Full Professor of Teaching (initial review Jan 13, 2025)

The **Technology and Information Management (TIM) Program in the Baskin School of Engineering** at the University of California, Santa Cruz (UCSC) invites applications for a position at the rank of associate professor of teaching or professor of teaching. The Technology and Information Management program at UC Santa Cruz provides a rigorous curriculum at the intersection of computer science, software engineering, economics, and technology management.

The selected candidate is expected to teach and carry out administrative and programmatic responsibilities. The requirements for the position are to develop and teach courses within the undergraduate curriculum; lead strategic planning efforts for the program, evaluate the effectiveness of the program and make changes to improve program curriculum, and provide better education and service to students; establish relationships with industry, in order to inform curriculum decisions, contribute to student placement in internships and full-time positions, and solicit industry projects for students; work as a bridge between this program, the Computer Science and Engineering Department, and Economics Department; and serve as the program's representative and advocate in the Senate faculty. The incumbent is expected to contribute to technology innovation in Baskin Engineering and beyond and to develop an education or management research program, supported by external grants, driven by personal intellectual inquiry.

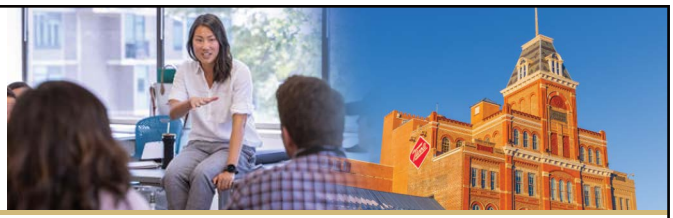
UC Santa Cruz values diversity, equity, and inclusion (DEI) and is committed to hiring faculty who will work to promote these values. The successful candidates must be able to work with students, faculty, and staff from various social and cultural backgrounds, genders, and sexual orientations.

Salary range: An estimate for the academic-year (nine-month basis) salary range is $145,000 - $160,000 for Associate Professors of Teaching and $170,000 - 200,000 for Full Professors of Teaching.

We ask candidates to send their applications by Jan 13, 2025.

Apply link: https://apptrkr.com/5812827

Denver



Non-Tenure Track Faculty--Cybersecurity

The Department of Computer Science and Engineering at the University of Colorado Denver invites applications for a non-tenure track faculty position at the level of Instructor, Senior Instructor or Assistant Teaching Professor.

Required Qualifications: Master's degree for Instructor or Senior Instructor level or PhD for Assistant Teaching Professor level in Computer Science, Computer Science and Engineering or closely related field with experience or research/study in Cybersecurity.

Salary range per 9-month academic year: Instructor: $60,000-$80,000; Senior Instructor: $60,000-$80,000; Assistant Teaching Professor: $70,000-$90,000. Additional salary for summer months can be sourced from research funds or for additional duties.

For full details and to apply, visit https://apptrkr.com/5788959.

The University of Colorado Denver is committed to diversity and equality in education and employment.

position will be expected to teach courses for the in-person and/or online modalities of the MPCS. The typical teaching load will be 1-2 courses per year (with a maximum teaching load of 3 courses per year).

Qualifications

Minimum Qualifications:

- One of the following:
  - » A doctorate in Computer Science or a related field at the time of appointment or;
  - » A master's degree and 4 years of relevant professional experience.
- At least two years' experience teaching in a college or university as an instructor of record
- Experience in management of academic programs, personnel, and/or budgets.

Preferred Qualifications:

- Experience in the management of an online education program.
- Experience in online teaching as an instructor.
- Professional experience in a computing-related industry.

Application Instructions:

Applications must be submitted online through the University of Chicago Jobs website: *apply.interfolio.com/157202*. Review of applications will begin on November 21, 2024 and continue until the position is filled.

The following materials are required:

- Curriculum vitae
- Cover letter, which must include a description of the applicant's experience in managing academic programs, personnel, and/or budgets.
- Statement of teaching philosophy and curricular development experience
- A list of three references, including name, title, employer/school and email address
- Sample syllabus for a class the applicant has taught before, or would be interested in teaching
- Teaching evaluations from past teaching at the university level

Equal Employment Opportunity Statement
All University departments and institutes are charged with building a faculty from a diversity of backgrounds and with diverse viewpoints; with cultivating an inclusive community that values freedom of expression; and with welcoming and supporting all their members.

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University's Statements on Diversity are at *https://provost.uchicago.edu/statements-diversity*.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, gender identity, national or ethnic origin, age, status as an individual with a disability, military or veteran status, genetic information, or other protected classes under the law. For additional information please see the University's Notice of Nondiscrimination.

Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email *equalopportunity@uchicago.edu* with their request.

University of Florida

AST/ASO/FULL Professor

The Department of Computer & Information Science & Engineering (CISE) in the Herbert Wertheim College of Engineering (HWCOE) at the University of Florida invites applications for multiple full-time, nine-month tenure-track faculty positions at the rank of Assistant, Associate, and Full Professor. The positions have an anticipated start date of August 2025.

We are seeking candidates in all CISE and CISE-related areas.

The faculty members will be expected to teach undergraduate and graduate courses (on campus, in Gainesville, Florida) within the CISE curricula; initiate and sustain externally sponsored research programs; recruit and supervise graduate students; and engage in service activities for the University and the profession. Applicants must possess a PhD in a related field by the start date. Dedication to excellence in research, teaching, and service, and evidence of scholarly achievements are required. The candidate should have a record of or demonstrate the potential for successful proposal writing, PhD student mentoring, scholarship, and classroom teaching.

The University of Florida is ranked as the #7 Best Public US University according to US News & World Report. The Department of Computer & Information Science & Engineering at the University of Florida (*https://cise.ufl.edu/*) has over 50 faculty members, and provides an integrated computer science and engineering education that addresses a wide spectrum of computing areas, including: AI/machine learning, algorithms, bioinformatics, computational complexity, compilers, computer architecture, computer networks, cybersecurity, databases, human-centered computing, operating systems, programming languages, software engineering. CISE has a student population of approximately 4,400, with nearly 160 in the Ph.D. program. Based on historical trends and current forecasts, significant and continued growth is expected.

The search committee will begin reviewing applications immediately and will continue to receive applications until the positions are filled. All applications must be submitted through UFCareers at: *https://explore.jobs.ufl.edu/en-us/listing/* (#533460). Complete applications must include the following files in PDF format: (1) cover letter which specifies research area, (2) a curriculum vitae; (3) the names, addresses, phone numbers, and email addresses of no less than three and up to five references. **Additional required documents should be uploaded as one PDF to the "other documents" selection in the application.** (4) a research program vision statement detailing short- and long-term goals; (5) a teaching statement describing the applicant's teaching experience and vision for developing a teaching program at the University of Florida; (6) up to three refereed journal or conference articles (co-)authored by the applicant. To be competitive, candidates for this faculty position should submit a cover letter, research statement, and education vision statement that complement the overall mission of the department.

The selected candidate must provide an official transcript to the hiring department, upon hire. A transcript will not be considered "official" if a designation of "Issued to Student" is visible. Degrees earned from an educational institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

If accommodation due to a disability is needed to apply for this position, please call 352-392-2477 or the Florida Relay System at 800-955-8771 (TDD). Hiring is contingent upon eligibility to work in the US. Background searches are conducted in accordance with Florida's Sunshine Law.

The University of Florida is committed to nondiscrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information, and veteran status in all aspects of employment including recruitment, hiring, promotions, transfers, discipline, terminations, wage and salary administration, benefits, and training.

Questions about this position may be directed to the Faculty Search Chair, Professor Thomas Shrimpton (*teshrim@ufl.edu*).

University of Florida

AST/ASO/FULL Instructional Professor

The Herbert Wertheim College of Engineering at the University of Florida invites applications for a non-tenure track, full-time, position at the rank of Lecturer/ Senior Lecturer/Master Lecturer (working title of Assistant/Associate/Full Instructional Professor) in the Department of Computer & Information Sciences & Engineering (CISE) at the University of Florida.

The faculty member will teach selected CISE courses (on campus, in Gainesville, Florida), according to the specific needs of the department. The faculty member will also contribute to continuous curriculum improvement, academic program accreditation (e.g., ABET), and developing new educational initiatives. Successful submission and funding of grants focused on engineering education is encouraged. The candidate will have the opportunity to participate in department, university, and professional service activities. Candidates with experience or willingness to engage in activities that contribute to diversity and inclusion are especially encouraged to apply.

We seek outstanding candidates who have a Ph.D. in Computer Science or in a closely related discipline. Candidates with a master's degree in a Computer Science or closely related field of engineering and 2 years industrial experience may also be considered. Applicants must have an outstanding record of teaching experience and academic accomplishments, a strong interest in undergraduate and graduate teaching in computing, and a commitment to professional services (e.g., through participation in professional societies). The successful candidate will be expected to collaborate with faculty in and outside the department and be involved in service to the university and the profession.

The search committee will begin reviewing applications as soon as possible and will continue to receive applications until the positions are filled. All applications must be submitted through UFCareers at: ***https://explore.jobs.ufl.edu/en-us/job/533537*** . Complete applications must include the following files in PDF format: (1) cover letter, (2) a curriculum vitae; (3) the names, addresses, phone numbers, and email addresses of no less than three and up to five references. **Additional required documents should be uploaded as one PDF to the "other documents" selection in the application.** (4) a statement of teaching philosophy and interests in existing and new courses at both the graduate and undergraduate levels, (5) a statement describing interest and experience in working with diverse groups and underrepresented populations. To be competitive, candidates for this faculty position should submit a cover letter, research statement, and education vision statement that complement the overall mission of the department.

The selected candidate must provide an official transcript to the hiring department upon hire. A transcript will not be considered "official" if a designation of "Issued to Student" is visible. Degrees earned from an educational institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

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Questions about this position may be directed to the Faculty Search Chair, Professor Thomas Shrimpton (*teshrim@ufl.edu*).

University of Georgia

Executive Director of the Institute for Artificial Intelligence

The University of Georgia invites applications and nominations for Executive Director of the Institute for Artificial Intelligence at the rank of full professor to begin on August 1, 2025. UGA's Institute for Artificial Intelligence is an interdepartmental research and instructional unit jointly supported by the Office of the Senior Vice President for Academic Affairs and Provost and the Franklin College of Arts and Sciences.

The University seeks candidates who are innovative and accomplished leaders in artificial intelligence, machine learning, and multidisciplinary collaborations spanning natural/social sciences, humanities, arts, engineering, education, agriculture, computer science and related areas. Candidates are encouraged to submit application materials by Monday, February 17, 2025. Please see the requirements, responsibilities and full job posting at: *https://www.ugajobsearch.com/postings/404608*. For additional information, please contact *ugasearchgroup@uga.edu*. EOE

University of Illinois at Chicago

Teaching Track Faculty - Computer Science

Teaching Track Faculty in Computer Science

The Computer Science Department at the University of Illinois Chicago (UIC) seeks to hire full-time teaching faculty (Lecturer or Clinical Professor). Candidates would work alongside 27 full-time teaching faculty with over 200 years of experience and 16 awards for excellence. Standard teaching load is three course sections per semester. Additionally, our teaching faculty participate and often lead e●orts in shared governance and committees, curriculum decisions and development, and computer science education at a local and national level.

Qualifications:

The Clinical Professor track is a long-term career track that starts with Clinical Assistant Professor and o●ers advancement to Clinical Associate and Clinical Full Professor. Minimum qualifications include a PhD in Computer Science or a closely related field. Teaching is the primary focus for clinical faculty, but there are also opportunities for research.

The Lecturer track is a long-term career track that starts with Lecturer and o●ers opportunities for advancement to Senior Lecturer. Minimum qualifications include an MS in Computer Science and significant teaching experience.

The department seeks candidates interested in all areas of computer science, but in particular systems and software engineering. Submit applications online at *https://jobs.uic.edu*. Include:

- A curriculum vitae,
- Contact information for at least three references,
- Teaching evaluations for any courses taught,
- One-page statement on your teaching philosophy and how it is inclusive to a diverse student population.

For more information, send an email to *mtheys@uic.edu*. For fullest consideration please apply by December 1, 2024, however applications will continue to be reviewed through February 6, 2025. Applications will be accepted and reviewed until the positions are filled.

The previously determined range for this position was $70,000 – $180,000. The pay o●ered to the selected candidate will be determined based on factors including (but not limited to) the experience and qualifications of the selected candidate including equivalent years in rank, training, and field or discipline; internal equity; and external market pay for comparable jobs.

The University of Illinois o●ers a very completive benefits portfolio. For a complete list of Employee Benefits, visit *https://www.hr.uillinois.edu/benefits*.

Offers of employment by the University of Illinois may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being o●ered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

As a qualifying federal contractor, the University of Illinois System uses E-Verify to verify employment eligibility.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit *https://jobs.uic.edu/*.

The University of Illinois Chicago is an a●rmative action, equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, protected veteran status, or status as an individual with a disability.

Professional Opportunities

University of Kentucky

Assistant or Associate Professor in Biostatistics and Bioinformatics

The Biostatistics and Bioinformatics Shared Resource Facility at Markey Cancer Center of University of Kentucky College of Medicine seeks candidates for one tenure-track Assistant or tenured Associate Professor position with strong background in bioinformatics, such as statistical, machine learning and AI methods for immuno-oncology, single cell, spatial, and multi-omics. This new faculty member is expected to work collaboratively with basic science, clinical, and population-based investigators at the Markey Cancer Center, to pursue independent methodological research, and to participate in education activities. The position requires a Ph.D. degree in biostatistics, computer science, bioinformatics or a related field. See details at *https://ukjobs.uky.edu/postings/517560*.

University of Kentucky

Assistant Professor in Computer Science/Engineering

The Department of Computer Science at the University of Kentucky invites applications for a tenure-eligible, 9-month appointment (Regular Title Series) faculty position to begin August 2025. We seek excellent candidates in all areas, with specific needs in AI/machine learning, software engineering/HCI, theoretical computer science, data science/data mining, wireless networks, computer systems and security. A demonstrated ability to collaborate with diverse teams to address grand societal challenges is highly desirable. Successful candidates must demonstrate a strong commitment to undergraduate and graduate education and be qualified to teach a broad range of courses in Computer Science. All regular title series faculty are expected to have a mix of research, teaching, and service to be negotiated annually with the chair of the department. Tenure-eligible faculty are expected to build a strong research program in their chosen area and to be dedicated teachers, contributing to our instructional offerings at both undergraduate and graduate levels.

The Department, housed within the College of Engineering, has 24 faculty members. We aim to be a diverse community of researchers and educators pursuing pioneering research in computer science as well as interdisciplinary research collaborations at the university and beyond; offering all students the highest quality instructional programs including Bachelor's, Master's, and PhD degrees in Computer Science, Master's degree in Data Science, and Bachelor's, Master's, and PhD degrees in Computer Engineering; expanding our reach to marginalized and underrepresented students, and serving the professional, local, state and global communities. The degree programs in Computer Engineering are offered in collaboration with the Department of Electrical and Computer Engineering Department; the undergraduate programs in Computer Science and in Computer Engineering are ABET-accredited.

Applications are now being accepted. Review of submissions will begin immediately and continue until the position is filled. Candidates must have earned a PhD in Computer Science or a closely related field at the time employment begins. To apply, a University of Kentucky Academic Profile must be submitted at the following link: *https://ukjobs.uky.edu/postings/554749*

Applicants should submit a cover letter, full curriculum vitae, research statement (upload under Specific Request 1), teaching statement (upload under Specific Request 2), and contact information for a minimum of three references when prompted in the application.

Questions should be directed to HR/Employment by phone at 1-859-257-9555 (press 2) or email (*ukjobs@email.uky.edu*), or to Diane Mier (*diane.mier@uky.edu*) in the Computer Science Department. Upon offer of employment, successful applicants must undergo a national background check as required by University of Kentucky Human Resources.

The University of Kentucky is an equal opportunity employer and especially encourages applications from women and members of underrepresented groups.

University of Maryland, Baltimore County

Lecturer or Professor of the Practice

The UMBC Department of Information Systems invites applications for two non-tenure track positions at the Lecturer or Professor of the Practice levels with a start date of Fall semester 2025.

The successful candidate will be actively involved in on campus teaching and advising the department's undergraduate students. This candidate will have experience in one or more areas of teaching that are relevant to our discipline, including technical, programming and/or management courses. The Information Systems (IS) Department is multi-disciplinary, placing a strong emphasis on the theory and application of information systems. At a minimum, candidates must have earned a MS in a relevant area. There is a pathway for promotion at UMBC from Lecturer, to Sr. Lecturer to Principal Lecturer. Candidates with an earned Ph.D. and significant industrial or governmental background are encouraged to apply and may be considered for an appointment as a Professor of the Practice.

All candidates are expected to demonstrate their commitment to diversity in all aspects of the position, to include teaching, mentoring, service, or community engagement. Our Department strives to obtain an equitable and diverse scholarly environment through building an inclusive climate and culture focused on a common objective of excellence in education, research and student success.

More information about the position and application requirements are available at *http://apply.interfolio.com/156812*.

Salary ranges commensurate with experience.

Lecturer: $78K to $98K

Professor of Practice: $115K to $129K

Other components of pay are offered when necessary to meet competitive conditions.

The above salary range represents the University's good faith and reasonable estimate of the range of possible compensation at the time of posting. Position includes full University benefits.

UMBC is an Affirmative Action/Equal Opportunity Employer and welcomes applications from minorities, women, veterans, and individuals with disabilities.

University of Maryland, Baltimore County

Open Rank Tenure Track Positions in Computer Science and Cybersecurity

The Department of Computer Science and Electrical Engineering (CSEE) at the University of Maryland, Baltimore County (UMBC) invites applications for two open rank, tenured/tenure-track positions to begin in the fall of 2025: one position across all areas of Computer Science, and one position in the cybersecurity area. Applicants should have or be completing a Ph.D. in a relevant discipline, have a strong research record with the potential to develop a funded research program, have a strong commitment to undergraduate and graduate teaching, and have a strong commitment to diversity and inclusive excellence. Candidates will be expected to build and lead a team of student researchers, obtain external research support, and teach both graduate and undergraduate courses.

We are committed to inclusive excellence and innovation and welcome applications from women, minorities, veterans, and individuals with disabilities. UMBC is an affirmative action/equal opportunity employer.

The CSEE department is research-oriented and multi-disciplinary with programs in Computer Science, Computer Engineering, Electrical Engineering, Data Science, and Cybersecurity. The College of Engineering and Information Technology at UMBC crosses the boundaries of engineering, computing, and information disciplines to develop research and educational programs that engage faculty, students, and staff from all the disciplines. UMBC is a Carnegie Research 1 Institution that is leading the world in inclusive excellence in research and teaching. We are redefining how to teach, and we are one of the most innovative universities in the nation, according to US News.

Salary ranges commensurate with experience.

- Assistant Professor: Min. $110,000 - Max. $130,000.
- Associate Professor: Min. $135,000 Max. $155,000.
- Full Professor: Min. $160,000 - Max. $180,000.

Other components of pay are offered when necessary to meet competitive conditions.

Benefits. UMBC offers a rich benefits package. Benefits offered align with type of position and may be prorated based on hours per week.

- Paid Leave.
- Tuition Remission.

- Medical, Prescription and Dental Insurance.
- Retirement plans.
- Life and Disability Insurance.
- Professional development opportunities.
- Wellness opportunities & much more.

See benefits summary for detailed information: *9 Month Faculty Benefits Summary*

Applicants should submit a cover letter, a statement of research experience and interests, a statement of teaching experience and interests, a statement of commitment to diversity and inclusive excellence, a CV, and three letters of recommendation at

http://apply.interfolio.com/156698

Applicant review will begin in November 2024. For full consideration, please submit application materials by December 1, 2024. Applications will be accepted until the position is filled. Please send questions to *jobsTT@csee.umbc.edu* and see *http://csee.umbc.edu/jobs* for more information (including salary and benefits).

University of Maryland, Baltimore County

Multiple Tenure-Track Faculty Positions in the Department of Information Systems

The Department of Information Systems (IS) at UMBC invites applications for two tenure-track faculty positions at the Assistant or Associate level starting August 2025. We welcome applications from candidates engaged in high-quality research including but not limited to areas such as AI, Data Science, Human-Centered Computing, Health Informatics, Software Engineering, and STEM Engineering Education. Applications from candidates whose research interests relate to the fields of Cybersecurity and Human Centered Computing are particularly encouraged. Candidates' research interests should complement and extend our current strengths.

We are particularly interested in receiving applications from individuals who are members of groups that historically have been under-represented in the professoriate, and individuals who are willing to contribute to the diversity mission of the university and the department. Candidates must have earned a Ph.D. in a related field to the role(s) no later than August 2025. More information about research interests of our faculty can be found at *https://informationsystems.umbc.edu/home/research*.

More information about the position and application requirements are available at *http://apply.interfolio.com/156589*.

Candidates' experience will be evaluated commensurate to the rank to which they are applying. For inquiries, please email *is_faculty_search_2024@umbc.edu*. An informational webinar will also be held on November 14, 2024 at 5 pm Eastern. If you are interested in the webinar, please register at *https://forms.gle/MwKuWvhpuKCxZw8n8*. Review of applications will begin in October 2024 and will continue until the position is filled.

Salary ranges commensurate with experience.

Assistant Professor: Min. $120,000 - Max. $130,000

Associate Professor: Min. $135,000 - Max. $160,000

Other components of pay are offered when necessary to meet competitive conditions. The above salary range represents the University's good faith and reasonable estimate of the range of possible compensation at the time of posting.

UMBC is an Affirmative Action/Equal Opportunity Employer and welcomes applications from minorities, women, veterans, and individuals with disabilities.

University of Massachusetts Amherst

Associate/Full Professor - Computer or Information Science (Associate Dean of DEI)

The Manning College of Information and Computer Sciences (CICS) at the University of Massachusetts Amherst invites applications for an academic-year tenure-track faculty position at the Associate or Full Professor level in any area of computer or information science with a concurrent half-time role as the Associate Dean of Diversity, Equity and Inclusion (AD of DEI). The expectation is that this individual will serve in the Associate Dean role for 3-5 years, renewable with satisfactory performance. While serving as Associate Dean, the individual will have half of the teaching load of a normal tenure-track faculty member: they will teach one course per academic

year and one graduate seminar once every four years. A successful candidate will have an established and recognized record of research in computer science or information science, a strong record of professional and institutional service, and will have demonstrated potential for continued research, teaching, and service success. For a full position description or to apply, please visit *https://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.

University of Memphis

Assistant Professor Computer Science

The Department of Computer Science at the University of Memphis is seeking candidates for Assistant Professor position(s) beginning Fall 2025. Qualified candidates in all areas of computer science are invited, while candidates with core expertise in robotics AI (including drones and humanoids), digital twins, software engineering, theory/algorithms, and cybersecurity are particularly encouraged to apply. Successful candidates are expected to develop externally sponsored research programs, lead or participate in collaborative research projects within Computer Science and beyond, teach both undergraduate and graduate courses, and provide academic advising to students at all levels. Candidates from minority and underrepresented groups are highly encouraged to apply. Applicants should hold a Ph.D. in Computer Science (or a closely related discipline) or be in ABD status with an anticipated conferral date before August 17, 2025. Salary is highly competitive and dependent upon qualifications. We particularly welcome candidates from groups that are historically underrepresented in our field and/or have demonstrated leadership toward building an equitable and inclusive scholarly environment. The Department of Computer Science (*www.memphis.edu/cs*) offers B.S., M.S., and Ph.D. programs as well as graduate certificates in Data Science and Information Assurance. The Department has been ranked 55th among CS departments with federally funded research. The Department regularly engages in large federally funded collaborations across the nation. For example, CS faculty lead the NIH-funded mDOT Biomedical Technology Resource Center and the Center for Information Assurance (CfIA). In addition, CS faculty work closely with multidisciplinary centers at the university such as the Institute for Intelligent Systems (IIS). The University of Memphis is a top-tier research university with a Carnegie R1 designation. Known as America's Number 1 logistics hub, Memphis has been ranked as one of the "World's Greatest Places" by TIME, as America's 4th best city for jobs by Glassdoor, and 4th in "Best Cost of Living". Memphis metropolitan area has a population of 1.3 million. It boasts a vibrant culture and has a pleasant climate with an annual average temperature of 63 degrees. Screening of applications will begin on December 2, 2024, and will continue until the search is concluded. To apply, please visit *https://workforum.memphis.edu/postings/42508*

University of Memphis

Assistant Professor - Data Science

The Data Science Center at the University of Memphis is seeking candidates for a tenure-track Assistant Professor position beginning Fall 2025. Qualified candidates in all areas of data science and related fields are invited. Successful candidates are expected to develop externally sponsored research programs, lead or participate in collaborative research projects within Data Science and beyond, teach both undergraduate and graduate courses and provide academic advising to students at all levels. Candidates from minority and underrepresented groups are highly encouraged to apply.

Applicants should hold a Ph.D. in Data Science, Computer Science, or a related discipline, and be committed to excellence in both research and teaching a diverse student body. Salary is highly competitive and dependent upon qualifications. We particularly welcome candidates from groups that are historically underrepresented in our field and/or have demonstrated leadership toward building an equitable and inclusive scholarly environment.

The Data Science Center and related programs (*www.memphis.edu/datascience*) offers an M.S. program and is anticipated to offer undergraduate and Ph.D. programs. In addition, Data Science faculty work closely with other departments and multidisciplinary centers at the university such as the Institute for Intelligent Systems (IIS).

University of Memphis is a top-tier research university with a Carnegie R1 designation.

Known as America's Number 1 logistics hub, Memphis has been ranked as one of the "World's Greatest Places" by TIME, as America's 4th best city for jobs by Glassdoor, and 4th in "Best Cost of Living". Memphis metropolitan area has a population of 1.3 million. It boasts a vibrant culture and has a pleasant climate with an average temperature of 63 degrees.

Screening of applications will begin on December 1, 2024, and new applications will continue to be reviewed until the search is completed.

To apply, please visit *https://workforum.memphis.edu/postings/42396*. Include a cover letter, curriculum vitae, teaching and research statements, and three letters of recommendation.

A background check will be required for employment. The University of Memphis is an Equal Opportunity/Equal Access/Affirmative Action employer committed to achieving a diverse workforce.

University of Miami

Assistant Professor - CSC

The Department of Computer Science in the College of Arts and Sciences at the University of Miami (*https://www.cs.miami.edu*) invites applications for a tenure-track faculty position at the rank of Assistant Professor. Candidates must possess or expect to receive a Ph.D. in Computer Science or a closely related discipline by the beginning of the appointment, August 15, 2025. Candidates must have research interests in Artificial Intelligence, particularly realizable, explainable, or verifiable AI. Faculty must develop/maintain an internationally recognized research program and teach undergraduate and graduate classes.

Submit applications via the UM Careers website *https://umiami.wd1.myworkdayjobs.com/UMFaculty*

University of Michigan, Dearborn

Assistant Professor in Computer and Information Science, University of Michigan-Dearborn, F25

The CIS Department at the University of Michigan-Dearborn invites applications for a tenure-track Assistant Professor position in the general area of computer systems (including artificial intelligence (AI), machine learning, data science, information science, emerging systems, game design, the Internet of Things (IoT), cloud/edge computing, and quantum computing). The CIS Department offers several B.S. and M.S. degrees, and a Ph.D. degree. The

UNCW

UNIVERSITY of NORTH CAROLINA WILMINGTON

Assistant Professor - Computer Science Platforms/Cloud Computing Human-Computer Interfaces/System Admin

The Department of Computer Science within the College of Science and Engineering at the University of North Carolina Wilmington invites applications for a nine-month tenure-track position at the rank of Assistant Professor in Computer Science to begin August 2025.

Duties include teaching in the undergraduate and graduate computer science programs, specifically in core computer science, platform technologies, cloud computing, human-computer interfaces, system administration or related areas while maintaining an active research program and mentoring undergraduate and graduate students.

To apply, visit https://apptrkr.com/5848523

expected starting date is September 1, 2025. Although candidates at the Assistant Professor rank are preferred, exceptional candidates may be considered for the rank of Associate Professor depending upon experience and qualifications.

Applicants should apply for this position through Interfolio at:
http://apply.interfolio.com/160141

University of Pittsburgh

Faculty Leadership Role for Innovative Academic Programs

The School of Computing and Information (SCI) at the University of Pittsburgh (Pitt) invites applications for an inaugural Faculty Director for academic programs. The Faculty Director will spearhead SCI's Professional Graduate Program Initiative (PGPI) for an innovative new class of academic programs (online and residential) that are inclusive, accessible, and affordable at scale for the workforce. The Faculty Director will work closely with a professional staff team, current and future faculty members, and future staff hires to shape the school's PGPI offerings. These programs include the school's signature online Master of Data Science (MDS) and our interdisciplinary residential undergraduate data science major as well as future offerings. The Faculty Director will teach courses and hold an appointment as Teaching Assistant, Teaching Associate, or Teaching Professor.

The Faculty Director will promote and implement a vision for graduate and undergraduate education at SCI focused on career advancement and social mobility of learners. This role involves a combination of curricular innovation, academic program leadership, and teaching, along with establishing partnerships across the university and industry to ensure programs meet high quality standards and evolving workforce needs.

The key responsibilities of the Faculty Director include:

- Lead faculty in managing, improving, and developing academic programs, focusing on interdisciplinary, workforce-aligned curricula to expand access.
- Collaborate with faculty to design and implement stackable credentials that support lifelong learning and career development for a wide range of learners.
- Teach courses at SCI with a reduced teaching load to accommodate administrative responsibilities.
- Oversee academic program resources, including hiring and mentoring new faculty and staff, managing budgets, and advocating for infrastructure and support.
- Foster relationships with stakeholders to strengthen curricular relevance, experiential learning opportunities, and career placement outcomes.
- Develop program assessments, report outcomes, and implement improvements based on findings.
- Promote a representative, inclusive, and welcoming environment.

Commensurate with experience, the faculty rank for this position may be Teaching Assistant Professor, Teaching Associate Professor, or Teaching Professor in the appointment stream outside the tenured/tenure stream. The Faculty Director is appointed with a faculty position and has a reduced teaching and summer compensation for administrative service. The Faculty Director's home department will be selected through consultation with the candidate, department faculty, and the Dean.

Professional Opportunities

Learn more about the school at our website *https://sci.pitt.edu*. Inquiries and nominations may be sent in confidence to *sci-recruit@pitt.edu*.

Required Qualifications

- Doctoral or terminal degree in Data Science, Computer Science, Information Science, or a related discipline.
- At least three years of teaching experience related to Data Science, Computer Science, Information Science, or a related discipline.
- Experience teaching in online or hybrid (online/in-person) environments.
- Experience with workforce aligned curriculum development and academic program design.
- Interpersonal and communication skills to engage effectively with partners.

Preferred Qualifications

- Experience designing and delivering online courses and scalable programs at the undergraduate or graduate levels, especially for adult learners.
- Experience coordinating and/or developing faculty development initiatives focused on course design and delivery for the adult and online learner.
- Experience collaborating with private and public sector partners to develop career-focused, timely curricula.
- Leadership and management experience, such as budget oversight, strategic planning, staff management, grant writing, and faculty-staff collaboration.
- Proficiency in teaching and developing data science or computer science curricula, including capstone projects and experiential learning opportunities.
- Experience working in interdisciplinary settings and collaborating on complex initiatives with multiple stakeholders.
- Experience in using data-informed strategies for forecasting, assessment, and continuous improvement.
- A record of contributions to the field through research, scholarship, professional practice, or educational innovation.

About the School of Computing and Information (SCI)

As Pitt's newest school, SCI is a growing, interdisciplinary community dedicated to collaboratively transforming lives for a better digital future, from our community to the world. Since 2017, SCI has hired over 40 faculty members and continues to expand. We create transformative education and conduct research that enrich both individual and societal growth, powered by innovation and impact. We seek candidates who share our values to nurture and sustain an equitable and inclusive environment for students, faculty, staff, alumni, and our many partners.

SCI is committed to the well-being of our community through its scholarship, education, and faculty development initiatives, including programs and policies to promote a healthy work-life balance; support for two-career couples; professional development, career advancement, and mentoring; and ongoing efforts to recruit, retain, and develop a faculty representative of society. Candidates who have experience working with students from varied lived experiences are especially encouraged to apply.

Application Process

Interested candidates should submit a cover letter, curriculum vitae, a teaching statement, optional evidence of teaching assessment, optional letter of commitment to representation, and the names of at least three recommenders. The cover letter should outline the candidate's vision for academic programs and detail their experience in academic programs and curricular innovation. Six recommendation letters are needed for appointment at rank of Teaching Associate Professor or Teaching Professor. Candidates have the option to be notified before recommenders are contacted.

Application review is underway. For full consideration, please submit applications by February 1, 2025. Applications will be accepted after this date until the position is filled or May 1, 2025, whichever comes first. On-campus interviews are expected to begin after February 1, 2025, with a start date of August 15, 2025.

Questions about the search and/or application status may be emailed to *sci-recruit@pitt.edu*.

The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity and diversity, EOE, including disability/vets.

University of Pittsburgh

PittSCI - Tenure-Stream Assistant Professor for Quantum Algorithms

Tenure-Stream Assistant Professor for Quantum Algorithms

As the University of Pittsburgh's newest school, the School of Computing and Information (SCI) is a growing interdisciplinary community of faculty, staff and students who are accustomed to thinking beyond boundaries and innovating new approaches to lead our institution and nation to positive change. Since 2017, SCI has recruited more than forty-five new faculty members, and we are continuing our growth with openings in the tenure and appointment (non-tenure) streams this year.

SCI's interdisciplinary and transdisciplinary research and education spans computer science, informatics, and networked systems, and information culture and data stewardship with rich connections to partners in education, health sciences, medicine, engineering, social sciences, business, and other areas.

This tenure-stream Assistant Professor position in quantum algorithms offers opportunities for close collaboration with quantum researchers across campus departments and schools. Pitt's commitment to advancing quantum technologies is demonstrated through new hires for quantum research within SCI and across other departments within Pitt, and initiatives like the $11.6M Western Pennsylvania Quantum Information Core (*https://www.pitt.edu/pittwire/features-articles/pitt-investment-pa-quantum*), in which SCI plays a pivotal role. Pitt's extensive research presence (*https://pittresearchannualreport.com/*), with annual expenditures exceeding $1 billion, offers abundant collaboration opportunities. In addition, the region includes strong cross-university collaboration opportunities. More than a decade ago Pitt established the Pittsburgh Quantum Institute, which is now co-directed by Pitt and Carnegie Mellon University (CMU), and has over 100 faculty members from Pitt, CMU, and Duquesne University (*https://www.pqi.org/*).

The position is also an opportunity to contribute to Pitt's efforts on quantum technologies education to build the quantum and quantum-adjacent workforce. SCI in partnership with the Kenneth P. Dietrich School of Arts and Sciences recently launched an undergraduate major degree program, Bachelor of Science in Physics and Quantum Computing.

SCI places a strong emphasis on diversity, social justice, and inclusive excellence, and we are actively seeking faculty colleagues who share a deep commitment to these principles and contribute to the broadening of participation in computing through their research, education, service, engagement, and lived experiences. We promote an equitable and inclusive community through faculty development and mentorship, promotion of work-life balance, a program for dual-career couples, and a commitment to recruit, retain, and develop faculty from diverse backgrounds and experiences.

About the Position

The School of Computing and Information (SCI) seeks a tenure-stream Assistant Professor in the broad area of quantum algorithms. SCI has three departments – Computer Science, Informatics and Networked Systems, and Information Culture and Data Stewardship. SCI is interested in candidates whose expertise in developing or applying quantum algorithms aligns with one or more of these departments and who can collaborate effectively with our faculty in various quantum domains such as quantum information, quantum computing systems, quantum cryptography, large-scale quantum simulation, or quantum sensing. Faculty candidates who are excited to collaborate across schools with our colleagues in the Swanson School of Engineering, the Dietrich school of Arts and Sciences, and other Pitt schools are encouraged to apply.

We expect faculty candidates to bridge the gap between classical and quantum computing and information in a variety of ways, such as:

- Coordinating between classical and quantum algorithms and approaches.
- Developing or using innovative quantum algorithms for applications or design.
- Efficient algorithms for emulation of quantum computing and networking.
- Developing and applying machine learning algorithms to optimize quantum computing.
- Quantum sensing algorithms and theories in domains, such as space and medicine.

- Practical quantum error correction algorithm designs.
- Fault tolerant implementations of quantum algorithms in different quantum computational models.
- Developing quantum cryptographic systems including quantum network and post-quantum cryptography.

Minimum required qualifications

- A PhD or equivalent terminal degree in computer science, computer engineering, information science, information systems or closely related area by August 15, 2025.
- At least three years of relevant experience in advancing research outcomes in quantum algorithms demonstrated by journal and conference publications.
- Evidence of interest and ability to teach at the undergraduate and graduate levels in both classical algorithms, computational theory, and quantum algorithms.

Preferred qualifications

- Candidates with a track record of initiating a successful interdisciplinary research program in areas such as quantum compilation, distributed quantum computing, quantum error correction and fault tolerance, quantum machine learning, or quantum cryptography.
- Candidates with a strong curiosity and willingness to explore futuristic advancements in quantum science and technology and taking their research in emerging directions.

Application Process

Individuals interested in the opening may apply at *https://sci.pitt.edu/recruiting*.

A completed application includes a cover letter, curriculum vitae, research statement, teaching statement, an optional statement of commitment to creating a representative and inclusive community, and the names and contact information for at least three recommenders.

Application reviews will begin after January 5, 2025, with a deadline of March 1, 2025; applications will be accepted until positions are filled. We anticipate that individuals will be invited to interview on campus starting in February 2025.

The anticipated start date is August 15, 2025.

THE UNIVERSITY OF RHODE ISLAND

Assistant Professor of Computer Science (CS)

Position location: Kingston

The University of Rhode Island invites applications for a tenure-track Assistant Professor in the Department of Computer Science and Statistics (CS&S). We seek candidates who can contribute to both teaching and research in Computer Science, with an area of expertise in Artificial Intelligence.

The Assistant Professor position is a permanent, tenure-track, full-time, 9-month academic year appointment starting with the academic year 2025-26.

Applicants should demonstrate a strong commitment and capacity to initiate new funded research as well as to expand, complement, and collaborate with existing research programs in the CS&S department and beyond. It is expected that all candidates will also be committed to excellence in undergraduate and graduate teaching, including developing new courses related to their research expertise and supervising and mentoring students.

Duties & Responsibilities:

Conduct research, obtain external research funding, and participate in interdisciplinary research; teach undergraduate and graduate courses; advise graduate students, participate in CS&S department service activities.

For complete details about the position, including required and preferred qualifications, and the application process itself, please visit the URI Jobs website at **https://apptrkr.com/5805329** to apply and view complete details for job posting (F00450).

The search will remain open until the position has been filled. First consideration will be given to applications received by December 15, 2024. Applications received after December 15, 2024 may be reviewed depending on search progress and needs but are not guaranteed full consideration.

APPLICATIONS MUST BE SUBMITTED ONLINE ONLY.

The University of Rhode Island is an EEOD employer. Women, persons of color, protected veterans, individuals with disabilities, and members of other protected groups are encouraged to apply.

Questions about the search and/or application status may be emailed to *sci-recruit@pitt.edu*.

The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity and diversity, EOE, including disability/vets.

University of Rochester

Assistant/Associate/Full Professor, Instructional Track, Healthcare Data Science and AI

The University of Rochester's Goergen Institute for Data Science seeks an outstanding candidate for an Instructional Faculty position in Data Science, open to all ranks – Assistant, Associate, or Full Professor, for our new, online Master of Science degree program in Healthcare Data & Science and AI.

The program was jointly developed with the University of Rochester Medical Center's Health Lab to target professionals who want to apply data analytics, data science, and AI to the healthcare industry. Candidates must have a Ph.D. in Data Science or a related field and experience with graduate teaching and curriculum design.

To Apply: *https://www.hajim.rochester.edu/dsc/*

University of South Florida

Tenure-track Faculty Positions at All Ranks

Applications are invited for multiple tenured and tenure-track faculty positions at all ranks in the new College of Artificial Intelligence, Cybersecurity, and Computing (CAICC) at the University of South Florida (USF). This new college presents a rare opportunity to join a forward-looking institution dedicated to high-impact research. USF seeks candidates whose research aligns with strategic, high-potential areas for federal funding, such as artificial intelligence, cybersecurity, software engineering, systems, networking, AR/VR, human-centered computing, social networks, hardware design/test/ automation, and ethics and societal implications of technology. Faculty joining CAICC will have the unique advantage of shaping the direction of a college poised for tremendous growth in reputation and research impact.

All candidates should have an established record of high-quality research publications in selective venues, a commitment to excellence in teaching, and a willingness to build collaborative research agendas. Candidates for senior-level (Associate/Full Professors) positions should also have an established research program with current funding. We expect successful candidates to contribute to our broadening participation in computing initiatives consistent with federal funding agency expectations. Candidates must have completed a PhD in computer science or a related discipline by the start time of the position. Successful candidates could start in the Fall of 2025.

CAICC offers an ideal environment for building a fulfilling career. Faculty members benefit from USF's commitment to interdisciplinary collaboration, with opportunities for dual appointments across the university, connections to specialized institutes like the USF Institute for Artificial Intelligence + X, and partnerships with leading centers such as the Florida Center for Cybersecurity (CyberFlorida), the Center for Innovation, Technology, and Aging (CITA) and the Rapid7 Cyber Threat Intelligence Lab.

Launching in Fall 2025, the new College of Artificial Intelligence, Cybersecurity, and Computing (CAICC) will be seeded by faculty and staff from USF's current Department of Computer Science and Engineering. CAICC will open with a strong foundation of 36 tenure-track faculty, 17 instructional faculty, and a diverse student body across BS, MS, and PhD programs, serving over 3,150 students. Faculty honors include eleven NSF CAREER awardees and numerous fellows of prestigious organizations like IEEE and AAAS. Positioned within the top 15% of U.S. Computer Science programs, the faculty boasts a robust research portfolio, with $4.5 million in recent annual research funding from major federal and industry sources, setting the stage for continued excellence and growth.

USF's bold investment in CAICC reflects its strategic vision for rapid expansion and influence in AI, cybersecurity, and computing on a national and global scale.

The college has support to double its faculty in the next four years. It is a plan driven by increased federal and state funding opportunities and supported by USF's recent induction into the prestigious Association of American Universities (AAU). Faculty will be part of a growth trajectory fostering a pioneering research and development culture, creating unmatched opportunities to advance their careers in an institution that values innovation, societal impact, and academic excellence.

The University of South Florida, a high-impact research university dedicated to student success and committed to community engagement, generates an annual economic impact of more than $6 billion. With campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF serves approximately 50,000 students who represent nearly 150 different countries. For five consecutive years, U.S. News & World Report has ranked USF as one of the nation's top 50 public universities, including with USF's current ranking of 45. In 2023, USF became the first public university in Florida in nearly 40 years to be invited to join the Association of American Universities, a prestigious group of the leading universities in the United States and Canada. Through $461 millions dollars in research expenditure in 2022-23 and as one of top universities in the world for securing new patents, USF is a leader in solving global problems and improving lives. USF is a member of the American Athletic Conference. Learn more at *www.usf.edu*.

An application package should include a cover letter, curriculum vitae, statements describing research and teaching experience and goals, and the names and contact information of at least three references. Applicants must electronically submit the application packet as one PDF file to: *https://www.usf.edu/work-at- usf/careers*. For consideration, please apply to the appropriate position level (Assistant Professor search Job ID # 38364, Associate Professor search Job ID #38363, Full Professor, search Job ID # 38362). Applications will be considered starting immediately until the positions are filled.

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace. The University of South Florida does not discriminate on the basis of age, disability, genetic information, national origin, pregnancy, race/color, religion, sex, sexual orientation, gender identity, or any other unlawful basis. Dual career couples with questions about opportunities are encouraged to contact the Department chair. To request disability accommodations in the application and interview process, please notify Wendy Stoneman-Shelby, the EOL Coordinator at (813) 974-4857 at least five working days in advance.

Pursuant to Title IX, USF does not discriminate on the basis of sex in education programs or activities that it operates. Such protection extends to students, employees, admission, and employment. Questions or inquiries concerning the application of Title IX may be referred to the Title IX Coordinator or to the U.S. Assistant Secretary for Civil Rights. The most current contact information for the USF Title IX Coordinator and resources can be found on the USF Title IX webpage at *www.usf.edu/title-ix*.

Virginia Tech

Collegiate Faculty Position in Computer Science

The Department of Computer Science at Virginia Tech seeks applications for a Collegiate Faculty member at the rank of Assistant or Associate Collegiate Professor. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of both fundamental and applied research and innovative teaching. We embrace Virginia Tech's motto of Ut Prosim ("That I May Serve"): we are committed to research, education, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

Collegiate faculty members have a primary commitment to the instructional mission of the department, including graduate and undergraduate teaching, curricular and program development, and the design and integration of innovative and inclusive pedagogy. Successful candidates should give evidence of potential to take a lead role in enhancing curricula and promoting teaching excellence. In addition to teaching, candidates will be expected to participate in research and scholarship. Applicants with expertise and interest in any area of scholarship that falls within the computer science department's research strengths (AI/ML, theory,

Professional Opportunities

systems, quantum, security, CS-education, etc.) are encouraged to apply.

At Virginia Tech, the collegiate faculty rank is a non-tenure track position that offers a clear promotion path with increasingly long-term contracts. Collegiate faculty are full members of the faculty and are encouraged to participate in sponsored research, mentor graduate students, participate in department and professional service, etc. The department currently has 86 faculty members, including 67 tenured or tenure-track faculty and 12 collegiate faculty. The department's instructional-track faculty are widely recognized for their teaching, both internally at Virginia Tech, and externally, including recognition through IEEE teaching awards and best paper recognitions at conferences.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The College of Engineering undergraduate program ranks 16th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

These positions are located at Virginia Tech's main campus in Blacksburg, VA, in an area consistently ranked among the country's best places to live. In addition, our program in the Washington, D.C. area offers unique proximity to government and industry partners and is also expanding rapidly, with Virginia Tech's exciting new Innovation Campus in Alexandria, VA slated to open in early 2025. Candidates for faculty positions at the Innovation Campus are encouraged to apply to separate announcements for those opportunities.

The successful candidate will have a doctoral degree in computer science or a closely related field, a rank-appropriate record of academic accomplishments, a proven ability to work collaboratively, a commitment to interdisciplinary research and instruction, and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Collegiate faculty are expected to teach effectively at both undergraduate and graduate levels, to conscientiously mentor both undergraduate and graduate students, and to serve the university and their professional communities. The position requires occasional travel to professional meetings.

Applicants must apply online at the following link:

https://careers.pageuppeople.com/968/cw/en-us/job/531125/collegiate-faculty-position-in-computer-science

Application materials include a cover letter, CV, and contact information for at least three professional references. In addition, applicants must provide three separate written statements (up to 3 pages each) (1) a statement of teaching and mentoring philosophy; (2) a statement expressing the candidate's ideas for supporting an equitable and inclusive educational environment consistent with the Virginia Tech Principles of Community; and (3) a research statement. In all three statements, providing specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our university's commitment to inclusive excellence. Review of applications will commence on November 15, 2024 and continue until the position is filled. Questions regarding the position should be directed to Dr. Ali R. Butt at *facdev@cs.vt.edu*.

Virginia Tech endorses and encourages participation in professional development opportunities and university shared governance. These valuable contributions to university shared governance provide important representation and perspective, along with opportunities for unique and impactful professional development.

The department fully embraces Virginia Tech's Commitment to increase faculty, staff and student diversity; to ensure a welcoming, affirming, safe and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including

pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need an accommodation, please contact the Human Resources Services Center at *hrservicecenter@vt.edu* or at (540) 231-9331.

Virginia Tech

Faculty Positions in Computer Science

The Department of Computer Science at Virginia Tech seeks applications for multiple tenure-track or tenured faculty positions at all ranks and in all areas of computer science. Special consideration will be given to candidates in the areas of artificial intelligence, machine learning, and data science; theory and algorithms, including numerical analysis and the intersection of science and AI; computer science education; and security. The department is in a period of rapid growth and expanding opportunity — applicants in any area of computer science are encouraged to apply. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of both fundamental and applied research and innovative teaching. We embrace Virginia Tech's motto of Ut Prosim ("That I May Serve"): we are committed to research, education, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

The department currently has 86 faculty members, including 67 tenured or tenure-track faculty. Members of the CS faculty have received 22 CAREER awards from the National Science Foundation and been recognized with faculty awards from IBM, Intel, AMD, Microsoft, Google, Meta, Cisco, and others. CS faculty members direct several interdisciplinary research centers, including the Center for Human-Computer Interaction and the Sanghani Center for Artificial Intelligence & Data Analytics. The department is home to over 1500 undergraduate and nearly 900 graduate students and is part of the College of Engineering. Faculty and graduate students in the department have extensive involvement with major Virginia Tech research institutes and initiatives, including the Commonwealth Cyber Initiative; the Fralin Biomedical Research Institute; the Fralin Life Sciences Institute; the Institute for Creativity, Arts, and Technology; the Institute for Critical Technology and Applied Science; the Institute for Society, Culture and Environment, the National Security Institute; and the Virginia Tech Transportation Institute. The department is also home to the newly launched NSF-funded COMPASS Center focused on pandemic prediction and prevention.

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The successful candidate will have a doctoral degree in computer science or a closely related field, a rank-appropriate record of academic accomplishments, a proven ability to work collaboratively, a commitment to interdisciplinary research and instruction, and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured and tenure-track faculty are expected to initiate and develop independent research

that is internationally recognized, conscientiously mentor research-oriented graduate students, teach effectively at both undergraduate and graduate levels, and serve the university and their professional communities. The positions require occasional travel to professional meetings.

Applicants must apply online at the following link:

https://careers.pageuppeople.com/968/cw/en-us/job/531128/faculty-positions-in-computer-science

Application materials include a cover letter, curriculum vitae, and contact information for at least three references. In addition, applicants must provide three separate written statements (up to 3 pages each): (1) a research statement; (2) a statement of teaching and mentoring philosophy; and (3) a statement expressing the candidate's ideas for supporting an equitable and inclusive educational environment consistent with the Virginia Tech Principles of Community—specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our university's commitment to inclusive excellence. Review of applications will commence on November 15, 2024, and continue until the position is filled. Questions regarding the position should be directed to Dr. Ali R. Butt at *facdev@cs.vt.edu*.

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Virginia Tech

Instructor

The Department of Computer Science at Virginia Tech seeks applications for an Instructor of Computer Science. We are seeking candidates motivated to contribute to a collegial, interdisciplinary community with a strong tradition of both fundamental and applied research and innovative teaching. We embrace Virginia Tech's motto of Ut Prosim ("That I May Serve"): we are committed to research, education, service, and inclusivity that makes a positive difference in the lives of people, communities, and the world.

Instructors have a primary commitment to the instructional mission of the department, with a focus on graduate and undergraduate teaching, curricular and program development, and the design and integration of innovative and inclusive pedagogy. Applicants with expertise and interest in any area of scholarship that falls within the computer science department's research strengths (AI/ML, theory, systems, quantum, security, CS-education, etc.) are encouraged to apply.

The department currently has 86 faculty members, including 67 tenured or tenure-track faculty, 12 collegiate faculty, and 5 instructors. The department's instructional-track faculty are widely recognized for their teaching, both internally at Virginia Tech, and externally, including recognition through IEEE teaching awards and best paper recognitions at conferences.

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a broad spectrum of candidates to join our community in preparing leaders for the world. The College of Engineering undergraduate program ranks 16th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). The Mission of the College of Engineering is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

These positions are located at Virginia Tech's main campus in Blacksburg, VA, in an area consistently ranked among the country's best places to live. In addition, our program in the Washington, D.C. area offers unique proximity to government and industry partners and is also expanding rapidly, with Virginia Tech's exciting new Innovation Campus in Alexandria, VA slated to open in early 2025. Candidates for faculty positions at the Innovation Campus are encouraged to apply to separate announcements for those opportunities.

The successful candidate will have a master's or doctoral degree in computer science or a closely related field and a commitment to high-quality undergraduate and graduate teaching and a desire to serve the university and their professional communities.

Applicants must apply online at: https://careers.pageuppeople.com/968/cw/en-us/job/531122/instructor

Application materials include a cover letter, CV, and contact information for at least three professional references.

In addition, applicants must provide two separate written statements (up to 3 pages each) (1) a statement of teaching and mentoring philosophy; and (2) a statement expressing the candidate's ideas for supporting an equitable and inclusive educational environment consistent with the Virginia Tech Principles of Community. In both statements, providing specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our university's commitment to inclusive excellence. Review of applications will commence on November 15, 2024 and continue until the position is filled. Questions regarding the position should be directed to Dr. Ali R. Butt at *facdev@cs.vt.edu*.

Virginia Tech endorses and encourages participation in professional development opportunities and university shared governance. These valuable contributions to university shared governance provide important representation and perspective, along with opportunities for unique and impactful professional development.

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Virginia Tech

Open Rank Faculty, Quantum Systems

The Virginia Tech Innovation Campus and the Departments of Computer Science and Electrical and Computer Engineering jointly seek applicants for a tenure-track or tenured faculty position at all ranks at the Innovation Campus (IC) in the Washington DC Metropolitan area. Special consideration will be given to candidates in Quantum Computing or related areas that can contribute to our newly formed Center for Quantum Architecture and Software Development in Alexandria, Virginia. Departments of Computer Science and Electrical and Computer Engineering are ranked among the top in the nation. Faculty hired in this position will have an academic appointment in the Department of Computer Science or the Department of Electrical and Computer Engineering which spans the Blacksburg and Alexandria campuses.

This position is located in Alexandria, Virginia, adjacent to the Washington, D.C.

Metro area. The location offers unique proximity to government and industry partners and all the benefits of working at a Carnegie R1: Doctoral University with "very high research activity."

The successful candidate will have a doctoral degree in computer science, computer engineering, electrical engineering, or a closely related field, a rank-appropriate record of academic accomplishments, a proven ability to work collaboratively, a commitment to interdisciplinary research and instruction, and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. Tenured and tenure-track faculty are expected to initiate and develop independent research that is internationally recognized, conscientiously mentor research-oriented graduate students, teach effectively at the graduate level, and serve the university and their professional communities. The position requires occasional travel to professional meetings and venues.

For more information and to apply, please visit: *https://careers.pageuppeople.com/968/cw/en-us/job/531771/open-rank-faculty-quantum-systems*

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

UNIVERSITY of WISCONSIN
UWMILWAUKEE

ASSISTANT PROFESSOR

The University of Wisconsin-Milwaukee (UWM) is Wisconsin's second-largest university, with a unique dual mission of access and research to provide high-quality education for students from all backgrounds. UWM is one of 146 top research universities recognized as "R1" by the Carnegie Classification of Institutions of Higher Education. The information professions are changing rapidly, and future information professionals will need expertise in the application of artificial intelligence (AI).

As part of our growing, strategic focus on AI along with data science, **UWM's School of Information Studies (SOIS)** is inviting applications for a **full-time tenure track Assistant Professor position**.

The candidate will join us in preparing future information professionals to understand and apply AI-based technologies and techniques in various information organizations, including libraries, archives and private organizations, to add value by solving real-world problems. This is a 9-month position with potential for teaching opportunities in the summer.

We seek scholars whose research, teaching, and impact in the field of AI in IST/LIS emphasize on: generative AI, natural language processing (NLP) and large language models (LLMs),deep learning or other machine learning (ML) frameworks, the interaction between human and AI, and AI in applied contexts, with specific interest in information retrieval and searching; information organization (metadata, classification, and cataloging); recommendation systems; chatbots and virtual reference services; the preservation, discovery, and accessibility of digital materials; data science (text and data mining); knowledge management and information visualization; user behavior analysis; sentiment and opinion analysis; and cybersecurity and/or anomaly detection.

The successful candidate will be expected to maintain an active research agenda and contribute to the scholarship of the School and College through externally funded research, teach both face-to-face and online classes at graduate and undergraduate levels, develop courses focused on AI at graduate and undergraduate levels, mentor graduate students, contribute to service in accordance with the university policy, and participate in school, college and university activities.

Minimum Criteria Include:

- A PhD in LIS, Information Technology, Computer Science, Informatics, or a closely related relevant field to AI by the start date of the appointment (August 2025).
- Evidence of a scholarly agenda showing how AI is integral to their program of research with potential to publish in top-tier academic journals.
- Exhibit potential for establishing independent, externally funded research related to the intersection of AI and IST/LIS.
- Strong commitment to teaching excellence in higher education.

Preferred Criteria Include:

- Record of research related to the intersection of AI with IST/LIS.
- Demonstrated ability of teaching effectiveness and curriculum development in higher education.
- Evidence of extramural funding related to the intersection of AI and IST/LIS.
- Experience of mentoring undergraduate and/or graduate students in higher education.

For More Information, or to Apply, Visit: https://apptrkr.com/5804820

Review of applications will begin on January 15, 2025 and continue until the position is filled.

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.

Multiple Faculty Positions
Yeshiva University
Katz School of Science and Health

Yeshiva University

The Department of Graduate Computer Science and Engineering (CSE) at Yeshiva University's Katz School of Science and Health invites applications for multiple faculty positions below:

- **Associate/Full Professor and Associate Chair 497795**
- **Assistant/Associate Professor of Computer Science 497825**

Rank and salary will be highly competitive and commensurate with qualifications and experience.

For more information and to submit an application, please visit https://apptrkr.com/5801036.

Salary Range: $65,00 -$175,000

The newly established Graduate CSE Department includes programs in Computer Science, AI, Data Analytics and Visualization, and Cybersecurity, as well as the Katz School's Internet of Things (IoT) Lab and Security Operation Center (SOC). It focuses on core computer science and engineering areas, while also emphasizing interdisciplinary research, particularly in fields like medical AI. Our faculty are active in research and industry–with grants from NSF, NIH, DoT, other federal agencies and companies–and are equally committed to mentoring students. The Katz School of Science and Health is Yeshiva University's flagship school for STEM. We are research scientists, tech builders and patient-centered clinicians working on problems that matter.

More information about the Katz School can be found at https://www.yu.edu/katz.

Yeshiva University is an equal opportunity employer committed to hiring minorities, women, individuals with disabilities and protected veterans.