CRN At-A-Glance

CRA Update (& How You Can Take Part In the Work of CRA)

The next CRA Board of Directors meeting will be held July 13-14th in Portland, Oregon. In this CRA Update, we provide details on how you can influence the work at the upcoming Board meeting. Second, we list the committees and working groups with "seats" available that CRA will have in the upcoming fiscal year (FY24: July 2023 to June 2024). You can nominate yourself to participate in one of the options. Lastly, we discuss the four documents that we plan to update and/or create in the upcoming fiscal year. Again, you can nominate yourself to participate in one of the committees working on these documents. In short, if you want to be involved in a CRA activity this coming fiscal year, now is the time to act! Please also encourage others to get involved - for CRA to be most effective, we need input and engagement from the community - that is you!

NSF Extends Application Deadline for CSGrad4US: Third Year of NSF Fellowship Opportunity for CISE Bachelor's Degree Holders to Return for PhD – Due June 26

The National Science Foundation's Computer and Information Science and Engineering (CISE) Directorate recently announced that applications are now being accepted for the third year of the CSGrad4US Graduate Fellowship program. The 3-year fellowships support new Ph.D. students pursuing their degree in a CISE field which includes programs in Computer Science, Computer and Information Sciences, and Computer Engineering. Are you or someone you know ready to make the switch from industry professional to researcher? Apply Now! Deadline Extended: June 26, 2023 - 11:59PM ET

In This Issue

cra.org/crn

CRA Update: Keeping You in the Know

By Tracy Camp (CRA Executive Director & CEO) and Nancy Amato (CRA Board Chair)

The next CRA Board of Directors meeting will be held July 13-14th in Portland, Oregon. In this CRA Update, we provide details on how you can influence the work at the upcoming Board meeting (if desired). Second, we list the committees and working groups with "seats" available that CRA will have in the upcoming fiscal year (FY24: July 2023 to June 2024). You can nominate yourself to participate in one of the options (if desired). Lastly, we discuss the four documents that we plan to update and/or create in the upcoming fiscal year (FY24). Again, you can nominate yourself to participate in one of the committees working on these documents. In short, if you want to be involved in a CRA activity this coming fiscal year, now is the time to act! Please also encourage others to get involved - for CRA to be most effective, we need input and engagement from the community - that is you!

CRA Board Meeting Input

The current CRA Governance Working Group proposed an idea to engage the broader computing research community in the work that the CRA Board does, i.e., set up a Zoom meeting with several CRA member organizations to discuss the current draft agenda for the upcoming Board meeting, gather input on the topics we are planning to discuss, and ask "what else should we be focused on?" We will pilot this idea over the next month with CRA's Executive Committee. If you would like to provide input on CRA's upcoming Board meeting, then please complete this Board Input FORM by June 29th. On the form, you can request a Zoom meeting (date/time TBD between you and the ExCom member you'll meet) OR just provide input that is "top of mind" for the CRA Board to consider. Note: requesting a Zoom meeting does not guarantee we will be able to host one with you (but we will try!).

CRA Committees/Working Groups for FY24

For 2023-24, CRA is looking for a few members from the broader community to participate on each of the following committees/ working groups. Complete this CRA Committees/Working Groups FORM by June 29th to nominate yourself to participate in one of the following committees/working groups for this fiscal year (FY24). More details on each opportunity are provided on the form.

- CRA Awards - Nominations Committee
- CRA Awards - Selection Committee
- 2024 CRA Career Mentoring Workshop Organizing Committee
- 2024 CRA Conference at Snowbird Organizing Committee
- CRA Survey Committee
- CRA Communications Working Group
- CRA Governance Working Group
- CRA Misconduct Issues Working Group
- CRA Socially Responsible Computing Working Group

Note: expressing interest does not guarantee participation, as available seats are limited.

CRA Documents

At the upcoming CRA Board meeting, one breakout session will discuss four documents that we plan to update and/or create in the next fiscal year (FY24). Would you be interested in being a part of the CRA committee that works on one of these documents? Or do you have any input that you would like to share with the committee for consideration as they work on these documents? If yes, complete this CRA Documents FORM by June 29th.

NEW Document: Multidisciplinary Research

This document will focus on questions such as: How can we do multidisciplinary research well? How do we support junior researchers to participate in multidisciplinary research? This effort will leverage CRA's Promotion and Tenure of Interdisciplinary Faculty document from July 2008.

NEW Document: Teaching and T/TT Faculty

This document will focus on questions such as: What is a typical (or appropriate) balance in a department for teaching faculty (e.g., 30% for R1s?) and tenured/tenure-track faculty (e.g., 70% for R1s)? How should teaching faculty (or non-tenure track faculty) be involved in decision making? This effort will leverage CRA's Laying a Foundation: Best Practices for Engaging Teaching Faculty in Research Computing Departments document from July 2018.

NEW Document: Research Collaborations with Minoritized Groups

This document will focus on questions such as: What are the best practices for non-MSI institutions/organizations to engage with MSIs? Are those best practices the same for engaging with a community or organization that represents a marginal or oppressed group? How do we ensure a research collaboration is a win-win for all communities involved?

UPDATED Document

CRA has previously published the following two documents related to evaluating computing research. The goal of this effort will be to consider whether we should merge and/or update these two separate documents into one.

1. Incentivizing Quality and Impact: Evaluating Scholarship in Hiring, Tenure, and Promotion (February 2015)

2. Evaluating Computer Scientists and Engineers For Promotion and Tenure (September 1999)

Note: expressing interest in a document to update does not guarantee participation, as available seats are limited.

The CCC Announces New Council Members for 2023

By Maddy Hunter, CCC Program Associate

The Computing Research Association (CRA), in consultation with the National Science Foundation (NSF), has appointed five new members to the Computing Community Consortium (CCC) Council:

- Kevin Butler, University of Florida
- Daniel Rockmore, Dartmouth College
- Julie Shah, Massachusetts Institute of Technology
- Michela Taufer, University of Tennessee, Knoxville
- Adam Wierman, California Institute of Technology

Beginning July 1, the new members will each serve three-year terms. The CCC Council is composed of 23 members who have expertise in diverse areas of computing. They are instrumental in leading CCC's visioning programs, which help catalyze and enable ideas for future computing research. Members serve staggered three-year terms that rotate every July.

The CCC and CRA thank those council members whose terms end on June 30 for their exceptional dedication and service to the CCC and to the broader computing research community:

- Elizabeth Bradley, University of Colorado, Boulder
- Sujata Banerjee, VMware
- Thomas Conte, Georgia Tech
- Maria Gini, University of Minnesota
- Melanie Moses, University of New Mexico

The CCC encourages participation from all members of the computing research community in our various activities. Each year, the CCC issues a call for proposals for visioning activities. Each spring, the CCC issues a call for nominations for Council members effective the following July. For more information, please visit the CCC website or contact Dr. Ann Schwartz, CCC Director, at adrobnis@cra.org.

Kevin Butler is the Director of the Florida Institute for Cybersecurity Research and a Professor at the University of Florida (UF). Butler joined UF in 2014 as part of the Rising to National Preeminence Hiring Program and was the Arnold and Lisa Goldberg Rising Star Associate Professor in Computer Science prior to promotion to Professor. His research focuses on the security of computing devices, systems, and networks. He received a National Science Foundation CAREER award in 2013, and was named International Educator of the Year within the Herbert Wertheim College of Engineering in 2017 for his work on developing global standards for securing digital financial services in the developing world. He is the current co-chair of the International Telecommunication Union's Security, Infrastructure, and Trust Working Group as part of the Financial Inclusion Global Initiative. I am a Senior Member of the IEEE and ACM. Additionally, he is the technical program co-chair of the 2022 USENIX Security Symposium and conference general chair for ACSAC 2020 and ACSAC 2021. He is also an affiliate faculty member of the Center for Children and Families within the University of Florida's Levin College of Law.

Daniel Rockmore is a Professor in the Department of Mathematics and Professor of Computer Science, as well as, the Director and William H. Neukom 1964 Professor of Computational Science and Director of the Neukom Institute for Computational Science at Dartmouth College. He was Associate Dean for Sciences at Dartmouth 2017-2021. He is a member of the external faculty at the Santa Fe Institute where he also serves on their Science Steering Committee. Rockmore's research interests include: Complex Systems, Network Analysis, Machine Learning, Cultural Evolution and Applied Harmonic Analysis. He received an M.A. in Mathematics in 1986 and a Ph.D in 1989 in Mathematics from Harvard University and an A.B. in Mathematics from Princeton University in 1984. He sits on the editorial board of the SFI Primers in Complex Systems series at Princeton University Press and is member of the editorial board of Collective Intelligence. He was awarded the SIAM I. E. Block Community Lecture (2008), the SIAM Visiting Lecturer (2007-2008) and the Sigma Xi Distinguished Lecturer (2005-2007).

Julie Shah is the H.N. Slater Professor of Aeronautics and Astronautics, co-leader of MIT's Work of the Future Initiative, and director of the Interactive Robotics Group, which aims to imagine the future of work by designing collaborative robot teammates that enhance human capability. She is expanding the use of human cognitive models for artificial intelligence and has translated her work to manufacturing assembly lines, healthcare applications, transportation, and defense. Before joining the faculty, she worked at Boeing Research and Technology on robotics applications for aerospace manufacturing. Prof. Shah has been recognized by the National Science Foundation with a Faculty Early Career Development (CAREER) award and by MIT Technology Review on its 35 Innovators Under 35 list. She was also the recipient of the 2018 IEEE RAS Academic Early Career Award for contributions to human-robot collaboration and transition of results to real world application. She has received international recognition in the form of best paper awards and nominations from the ACM/IEEE International Conference on Human-Robot Interaction, the American Institute of Aeronautics and Astronautics, the Human Factors and Ergonomics Society, the International Conference on Automated Planning and Scheduling, and the International Symposium on Robotics. She earned degrees in aeronautics and astronautics and in autonomous systems from MIT and is co-author of the book, What to Expect When You're Expecting Robots: The Future of Human-Robot Collaboration (Basic Books, 2020).

Michela Taufer is an ACM Distinguished Scientist and holds the Jack Dongarra Professorship in High-Performance Computing in the Department of Electrical Engineering and Computer Science at the University of Tennessee, Knoxville (UTK). She earned her undergraduate degrees in computer engineering from the University of Padova (Italy) and her doctoral degree in computer science from the Swiss Federal Institute of Technology or ETH (Switzerland). From 2003 to 2004, she was a La Jolla Interfaces in Science Training Program (LJIS) Postdoctoral Fellow at the University of California, San Diego (UCSD) and The Scripps Research Institute (TSRI), where she worked on interdisciplinary projects in computer systems and computational chemistry. Michela has a long history of interdisciplinary work with scientists. Her research interests include scientific applications on heterogeneous platforms (i.e., multi-core platforms and accelerators); Artificial Intelligence (AI) for cyberinfrastructures (CI); AI integration into scientific workflows, computer simulations, and data analytics. She has been serving as the principal investigator of several NSF collaborative projects. She also has significant experience in mentoring a diverse population of students on interdisciplinary research. Michela's training expertise includes efforts to spread high-performance computing participation in undergraduate education and research and to increase the interest and participation of diverse populations in interdisciplinary studies.
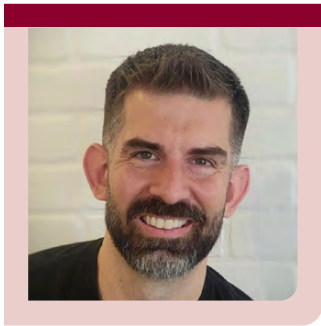
Adam Wierman is a Professor in the Department of Computing and Mathematical Sciences at Caltech. He received his Ph.D., M.Sc., and B.Sc. in Computer Science from Carnegie Mellon University and has been a faculty at Caltech since 2007. Adam's research strives to make the networked systems that govern our world sustainable and resilient. He is best known for his work spearheading the design of algorithms for sustainable data centers and is co-author of a recent book on "The Fundamentals of Heavy-tails". He is a recipient of multiple awards, including the ACM Sigmetrics Rising Star award, the ACM Sigmetrics Test of Time award, the IEEE INFOCOM Test of Time award, the IEEE Communications Society William R. Bennett Prize, the Caltech IDEA Advocate award, multiple teaching awards, and is a co-author of papers that have received "best paper" awards at a wide variety of conferences across computer science, power engineering, and operations research.

Learn more about the CCC Council and its members on our **webpage**!

CCC Announces Call for Blue Sky Papers Track at ACM International Conference on Multimodal Interaction

CCC
Computing Community Consortium
Catalyst

By Maddy Hunter, CCC Program Associate

The **25th ACM International Conference on Multimodal Interaction** will be in Paris, France from October 9-13th, 2023.

The CCC is pleased to partner with ACM ICMI to continue the Blue Sky Paper track, initialized in **2021**, and continued in **2022**, that emphasizes innovative, visionary, and high-impact contributions. This track solicits papers relevant to ICMI content that go beyond the usual research paper to present new visions that stimulate the ICMI community to pursue innovative new directions. They may challenge existing assumptions and methodologies or propose new applications or theories. The papers are encouraged to present high-risk controversial ideas. Submitted papers are expected to represent deep reflection, argue rigorously, and present ideas from a high-level synthetic viewpoint (e.g., multidisciplinary, based on multiple methodologies).

The review of the submissions will be handled by the Blue Sky Paper Chairs: Carlos Busso (University of Texas At Dallas), Philippe Palanque (University Toulouse III, France), and Björn Schuller (University of Augsburg, Germany). Three winners will be selected for presentation in the Blue Sky Paper track and publication in the conference proceedings. The CCC will sponsor awards to honor the first ($1,000), second ($750), and third ($500) place winners in the form of travel grants. In addition, they will further distribute and publicize the three Blue Sky award papers.

Important Dates:

- Paper Submission: June 17th, 2023
- Paper notification: July 14th, 2023
- Camera-ready paper: August 14th, 2023
- Presenting at main conference: October 9-13, 2023

Learn more about the **Blue Sky Award and past winners**.

CCC Blog: Biden-Harris Administration Takes New Steps to Advance Responsible Artificial Intelligence Research, Development, and Deployment

By Maddy Hunter, CCC Program Associate

The Biden-Harris Administration is continuing their recent efforts to advance the research, development, and deployment of responsible AI. With the rise of AI and its increasing capabilities these initiatives are meant to protect American citizens' rights and safety. The CCC blog highlighted responsible AI efforts from the White House. Yesterday the White House announced three more initiatives summarized below.

An update to the National AI Research and Development Strategic Plan. This plan builds on plans issued in 2016 and 2019, and sets out key priorities and research goals to guide federal investments in AI research and development (R&D). It will focus federal investments in R&D to promote responsible American innovation, serve the public good, protect people's rights and safety, uphold democratic values, and ensure continued U.S. leadership in the development and use of trustworthy AI systems.

The release of a request for information to seek public input on national priorities for mitigating AI risks, protecting people's rights and safety, and harnessing AI to improve lives. Responses to this RFI will inform the Administration's efforts to advance a cohesive and comprehensive strategy to manage AI risks and harness AI opportunities.

The Department of Education's Office of Educational Technology released a new report, AI and the Future of Teaching and Learning: Insights and Recommendations, summarizing the risks and opportunities related to AI in teaching, learning, research, and assessment.

You can read more about these new initiatives in OSTP's announcement.

A third of doctoral students find it somewhat or very difficult to cover their basic expenses with their stipends

CERP
Computing Research Association
Evaluation

By Burçin Campbell, Director of Data and Evaluation

Financial stability is one factor that may have an impact on individuals' consideration of a graduate degree. Especially in the field of computing, students typically have an array of job opportunities in the industry upon completing their undergraduate degree. Dedicating the necessary time and attention to the full-time doctoral degree program leaves little to no room for employment resulting in graduate stipends as the major (and only) source of income for most graduate students.

This graphic shows that a third of doctoral students who responded to the Data Buddies Survey (DBS) reported that

How difficult/easy is it to cover your basic expenses with your current stipend(s)?

Number of jobs after college before graduate school

Legend: Very easy; Somewhat easy; Neither difficult nor easy; Somewhat difficult; Very difficult

Source: CRA Data Buddies Survey (2021). Center for Evaluating The Research Pipeline. Computing Research Association.
Notes: Survey respondents were asked: How difficult or easy is it to cover your basic expenses with your current stipend(s)?

they find it somewhat or very difficult to cover their basic expenses with their stipends. The graphic also shows the breakdown of the students' responses by the number of jobs they had after completing their undergraduate degree and before starting graduate school.

Further analyses examining students' background characteristics and career plans may shed light into the impact of graduate stipends on different types of students. Deidentified DBS data is available for download on CRA's Center for Evaluating the Research Pipeline's website.
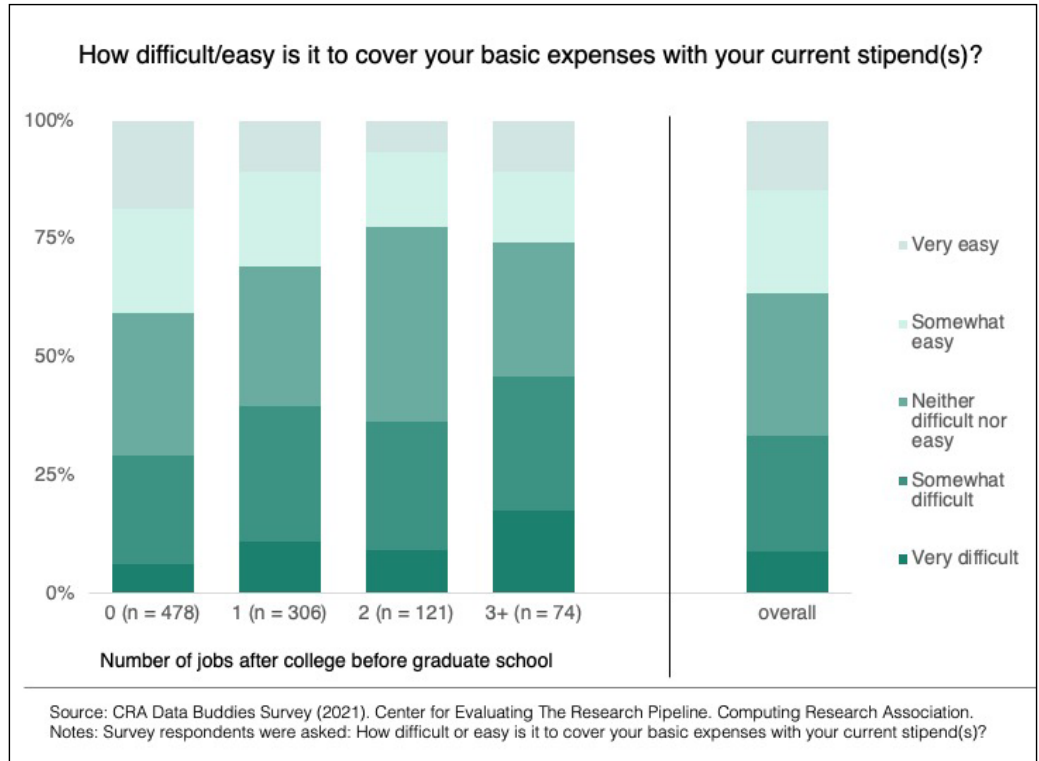
Notes:

Data presented here are for graduate students enrolled in a doctoral degree program in computing (n = 1,296) and who responded to the questions "How difficult or easy is it to cover your basic expenses with your current stipend(s)? and "How many jobs did you have after you graduated from your undergraduate studies, but before you began your graduate studies?" (n = 979)

Undergrad Explores Research in Neural Differential Equations

CRA-E
Computing Research Association
Education

> "Even if you get a 'no' initially, I would learn to take rejection not as a 'no' but as a 'not yet'."
>
> **- Winnie Xu**

Winnie Xu, B.S. in Computer Science with an AI Specialization and Mathematics Minor, University of Toronto

This Q&A highlight features Winnie Xu, a Finalist in the 2022 CRA Outstanding Undergraduate Researchers award program. Winnie graduated from the University of Toronto and is now a Student Researcher at Facebook AI Research (Meta AI). Some of her recent work in the generative learning space includes training generalist multi-game agents, a new model inspired by fractal compression, and a probabilistic framework for composing large language model generations. This interview has been edited for length and clarity.

What brought you to computing research?

I started as a pre-med student but gave myself the chance to explore research directions broadly. I recall being particularly excited by the rapid advancements in genomics, which led me to read into big data analytics and land my first computational biology position. After taking an introduction to programming course, I wrote my first few lines of Python code to help automate our biological data analysis pipeline. Gradually, my analysis code became more complex, handling multiple genome data files and running clustering algorithms to make more sense of them. As I learned the tools I was using were based on methods in statistics and mathematics, I became interested in machine learning (ML) and computation. Somehow, I had the right intuition, a rapid change of heart, and the courage to transfer into Computer Science—the rest is history.

How did you connect with your undergraduate research advisor?

I wanted to get more proficient in ML. It combines many areas in mathematics, statistics, and algorithmic reasoning which are all exciting to me. I cold-emailed a bunch of faculty members at the Vector Institute, essentially asking to be advised on a project I had in mind at the time. Having no experience in such topics, I self-studied and overloaded my courses to complete the Artificial Intelligence Specialist requisites sooner. There was one professor who was willing to give me a chance: I ended up completing my undergraduate thesis project with Prof. David Duvenaud.

Can you tell us about your project?

My research topic was heavily influenced by Prof. Duvenaud's recent work on Neural Ordinary Differential Equations (NODEs). That work had gained a lot of attention and it was an exciting technical challenge to work in an area of mathematics that I was not familiar with. You may be aware of neural networks, or deep learning, which is a popular, modern method of modeling phenomena from real world data. Differential equations are a much older approach to modeling real-world phenomena. Neural Differential Equations combine aspects of both. In my project, we improved upon existing architectures for Neural Differential Equations. For

example, we improved the calibration (meaning high confidence predictions are predicted more often) and robustness (meaning the model performs well even when input data is slightly corrupted, as an image might be corrupted by snow on the lens). This paper was featured as a spotlight talk at the NeurIPS 2021 Bayesian Deep Learning Workshop and later accepted to the Artificial Intelligence and Statistics Conference (AISTATS) 2021.

What challenges did you encounter when first getting started in research?

My desire to explore different research directions presented some challenges. Each time I've switched topics, I've had to quickly ramp up on the relevant literature and tools while working with people who were already experts. I'd be lying if I said I wasn't consumed by imposter syndrome despite being adamant about gaining new opportunities. I've also found research to often be a lonely pursuit, especially in ML, compared to my previous experiences in wet labs. It has become apparent to me that the ability to overcome obstacles and ask the appropriate questions are essential skills.

This image presents a visual comparison between Winnie and her collaborators' new architecture for Neural Differential Equations (SDE-BNN) and one its predecessors (ODE-Nets, proposed by Chen et al., 2018).

Have any of your outside interests had any interplay with your research experience?

In my junior year, research became my top priority as I took a break from school during COVID. I was making a lot of research progress, so I continued as a visiting researcher part-time in industry while completing the remainder of my degree. When I could, I traveled to collaborate with other research groups. Balancing school and research was challenging, and my grades sometimes took a hit with different travel and conference deadlines, but I think this was a reasonable sacrifice and net positive.
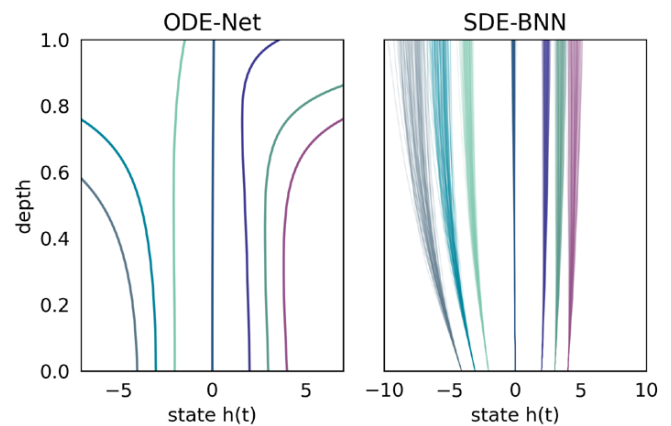
Have you found that any of your personal identities affected your research experience?

As a woman and racial minority in America, I am often outnumbered by colleagues and advisors who are men. Until recently, I'd never had a woman manager. Colleagues have not always taken me seriously and have assumed that because I am younger, I am immature. Over time, I've learned to present technical maturity and professionalism to prevent these assumptions.

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

Find an area that really excites you and try to read some of the key papers in the area. Then, reach out to professors to get your hands dirty. I have always erred on the side of passion and aggression, so even if you get a 'no' initially, I would learn to take rejection not as a 'no' but as a 'not yet'.

— Edited by Yasra Chandio and Nadia Ady

UR2PhD: Call for Instructors!
National Virtual Computing Research
Mentor Program - Undergraduate
Research to PhD

We are seeking instructors for a new CRA program called UR2PhD, whose goal is to vastly increase the number of women students (particularly Black, Latina, and Native women students) who have high-quality undergraduate research experiences and continue into PhD programs. UR2PhD is a national, virtual program with three pillars: (1) early undergraduate research support and training, (2) graduate student mentor training, and (3) a bridge program to support students between their first research experience and application to a PhD program.

We are currently seeking two instructors for the undergraduate research support and training pillar:

Early Undergraduate Research Support and Training: Instructors will teach a 12-week virtual, synchronous research methods course and support program for new undergraduate researchers. The course will teach students about the foundations of research (e.g., reading a research paper, doing a literature review, identifying and communicating a research problem, etc.) as well as fostering a network of support for these new undergraduate researchers. The curriculum is being developed this summer. All materials needed to teach the course will be provided to the instructors. We anticipate that instructors will be responsible for 30-40 students each.

Instructors will work closely with the UR2PhD leadership team (Christine Alvarado, University of California, San Diego; Lori Pollock, University of Delaware; Monique Ross, the Ohio State University; and Kelly Shaw, Williams College) who have experience developing and teaching similar programs.

Responsibilities:
- Manage and teach all aspects of the course including leading synchronous sessions (likely 1 per week), assigning homework, engaging with students between sessions, and grading and providing feedback on assignments.
- Coordinate between instructors, with the research mentors, and with the UR2PhD team.

Qualifications:
- Experience leading research with undergraduate students (required);
- Experience teaching student-facing programs (required);
- History of using identity inclusive instructional practices (required);
- Demonstrated organizational and communication skills (required);
- Experience teaching a similar course (preferred);
- Experience working with programs designed to increase diversity, equity and inclusion in computing (preferred);

Timeline: The course is tentatively scheduled for September 18-December 8, but these dates are subject to change slightly. The instructor should be available to begin working with the UR2PhD team in late August, 2023.

Compensation: Instructors for the undergraduate research methods course will each be given a $12K stipend for their work.

To Apply: Please upload a cover letter and your CV.

Applicants who apply by June 21 will be given full consideration. The position will remain open until filled.

Questions: Please contact ur2phd@cra.org with any questions.

NSF Extends Application Deadline for CSGrad4US: Third Year of NSF Fellowship Opportunity for CISE Bachelor's Degree Holders to Return for PhD – Due June 26
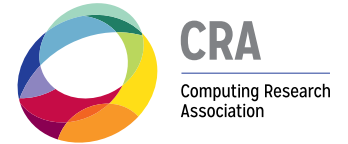
The National Science Foundation (NSF) Computer and Information Science and Engineering (CISE) Directorate recently announced that applications are now being accepted for the third year of the CSGrad4US Graduate Fellowship program. The 3-year fellowships support new Ph.D. students pursuing their degree in a CISE field which includes programs in Computer Science, Computer and Information Sciences, and Computer Engineering. The fellowship was released in response to the increased demand for people with a Ph.D. in computer science (CS), the continued decrease of domestic students pursuing research and completing a Ph.D., and the overall small number of bachelor's degree recipients in CS pursuing graduate school. In particular, the percentage of domestic Ph.D. students in CS graduating has decreased from 69% in 1985 to 37% in 2018 [1].

Are you or someone you know ready to make the switch from industry professional to researcher? Apply Now! Deadline Extended: June 26, 2023 - 11:59PM ET

Benefits of Graduate School

Many who complete a bachelor's degree in computer science, computer engineering, or information science enjoy lucrative and exciting jobs in industry after graduating; however, pursuing graduate education can open new doors-- and not just to a professorship at a university. The skills acquired in earning a Ph.D. prepare you to develop ideas that can benefit your research field and society, while helping to create a path to leadership positions within the tech industry.

One of the biggest challenges of getting into graduate school is finding an experienced mentor to guide you through the process: preparing the materials, researching different programs, and finding funding for the right program. To help with this challenge, the U.S. National Science Foundation created the CSGrad4US Fellowship, which aims to increase the number and diversity of U.S. citizens, U.S. nationals, or U.S. permanent residents pursuing graduate research and subsequent careers in computer science and engineering. The fellowship is also an opportunity for those already working in industry or other sectors to return to academia to pursue a research-based doctoral degree.

In the one-year program, CSGrad4US Fellows work with faculty mentors who help them figure out which grad program is right for them, network with other mentors and fellows, and learn how to apply to graduate schools. After enrolling in a CISE doctoral program, CSGrad4US Fellows receive a stipend of $37,000 per year for three years out of five, plus a cost-of-education allowance of $16,000 per year for those three years.

A diverse cohort of CSGrad4US fellows will be selected based on their demonstrated interest and potential to pursue a Ph.D. in one of the CISE fields: computer science, computer engineering, or information science.

Eligibility

CSGrad4US Fellowship applicants must meet the following eligibility criteria:

- Be a U.S. citizen, national, or permanent resident;

- Intend to apply for full-time enrollment in a research-based doctoral degree program in a CISE field no later than Fall 2025;

- Have graduated with a bachelor's degree before December 31, 2022;

- have not been enrolled in any degree-granting program after January 1, 2023;

- Have demonstrated CISE core competency;

- Never enrolled in and have no pending application for a doctoral degree-granting program for a CISE discipline at the time of the application; and

- Have never previously accepted a NSF Graduate Research Fellowship.

NSF seeks candidates from a broad array of backgrounds and strongly encourages women, Blacks and African Americans, Hispanics and Latinos, American Indians, Alaska Natives, Native Hawaiians, Other Pacific Islanders, and persons with disabilities to apply.

Timeline

The Application deadline for the CSGrad4US Graduate Fellowship has been extended. Applications, including reference letters, must be received by 11:59 p.m. Eastern time on June 26, 2023. Applications will not be accepted after the deadline.

Link to Application

Learn More

[1] Addressing the National Need for Increasing the Domestic PhD Yield in Computer Science. Susanne Hambrusch, Lori Pollock, Ran Libeskind-Hadas, and Christine Alvarado, Quadrennial Paper, CRA, November 2020.

2023 CRA-WP Early Career Award Winners Announced!
Robin Brewer & Michael Carbin

The 2023 winners for the Borg Early Career Award and Skip Ellis Early Career award have been selected!

2023 BECA Recipient | Robin Brewer, University of Michigan

2023 SEECA Recipient | Michael Carbin, Massachusetts Institute of Technology

The CRA-WP Early Career Awards are in honor of two notable computer scientist pioneers, Anita Borg and Clarence "Skip" Ellis.
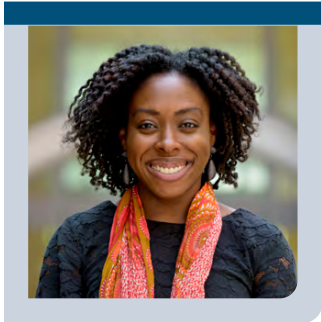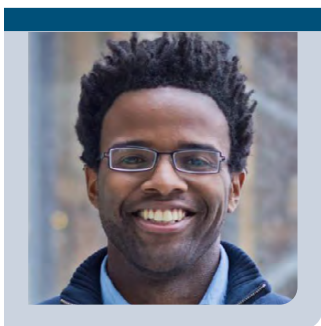
2023 BECA Winner:

Robin Brewer is the 2023 recipient of the Borg Early Career Award. Brewer is an Assistant Professor in the School of Information at the University of Michigan whose research is at the intersection of human-computer interaction, accessibility, and social computing. She studies how older adults and people with disabilities engage with technology, leveraging the strengths of these communities to design for connection, expression, and agency. Robin co-directs the Accessibility, Human-Computer Interaction, and Aging (AHA) lab, is a faculty affiliate of the Center for Ethics, Society, and Computing, and is an affiliated faculty member with the Digital Studies Institute. Robin's research has been funded by an NSF CAREER award (2022), Google (2022), the National Institutes of Health (2022), the Retirement Research Foundation (2020), and the Department of Transportation (2018). She was also awarded the prestigious President's Postdoctoral Fellowship at the University of Michigan (2017).

Throughout her career, Robin has volunteered for and co-organized mentoring programs for women and people of color, including the CHI Mentoring Program (CHIMe) at the ACM CHI conference and a virtual writing group for Black women in computing fields. She has also developed curricula and taught computational and design thinking to middle and high school girls with Brave Initiatives in Chicago, Detroit, Hamtramck, and Kingston, Jamaica. Robin received her B.S. in Computer Science from the University of Maryland, College Park, M.S. in Human-Centered Computing from the University of Maryland, Baltimore County, and Ph.D. in Technology and Social Behavior from Northwestern University.

2023 SEECA Winner:

Michael Carbin is the 2023 recipient of the Skip Ellis Early Career Award. Carbin is an Associate Professor of EECS at MIT and Founding Advisor at MosaicML. At MIT, he leads the Programming Systems Group. Typical goals for his work include improved reliability, performance, energy consumption, and resilience for computer systems using techniques from Programming Languages.

Michael has received an NSF CAREER Award, a Sloan Foundation Research Fellowship, and a MIT Frank E. Perkins Award for Excellence in Graduate Advising. His work has received best paper awards at OOPSLA, ICLR, and ICFP. His work has also received a CACM Research Highlight.

Michael received a B.S. in Computer Science from Stanford University in 2006, and an S.M. and Ph.D. in Electrical Engineering and Computer Science from the Massachusetts Institute of Technology in 2009 and 2015, respectively. Michael was also a Researcher at Microsoft Research, working on Deep Learning Systems from 2014 to 2018.

Learn more about the Nomination Criteria by visiting our Early Career Awards page.
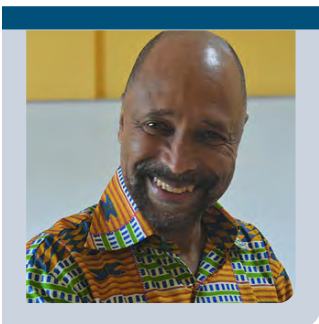
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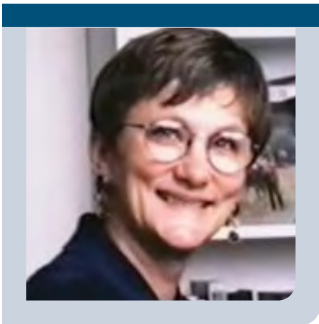
Borg Early Career Award:

[photo credit: anitab.org/our-history]

The CRA-WP Borg Early Career Award (BECA) has been a distinguished award established in 2004. Anita Borg was chosen for this award title for her efforts in helping shape a community for women in computer science. Borg was an early member of CRA-WP and the award is inspired by her commitment to increasing the participation of women in computing research. One of her most memorable efforts was confounding the "Systers" community, which began as an emailing list for women in the computer "systems" field. This effort resulted in a movement of empowerment for women in the computer science field. The BECA, is an annual award given to a woman in computer science and/or engineering who has made significant research contributions in computer science and/or engineering and has also contributed to the profession, especially in outreach to women.

Learb more about Anita Borg.

Skip Ellis Early Career Award:

[photo credit: Legacy.com]

The CRA-WP "Skip" Ellis Early Career Award (SEECA) is our newest award, it was established in 2020 to distinguish researchers who are underrepresented in computing research. Clarence "Skip" Ellis was chosen for this award title for his efforts in encouraging students of all backgrounds to stretch their academic abilities and to consider careers in computer science. He wanted his students to create their perspectives of themselves, and not be influenced by what society thought they were capable of. Ellis was the first African American to earn a Ph.D. in computer science (1969) and the first African-American to be elected a Fellow of the ACM (1998). The SEECA is an annual award given to a person who identifies as a member of a group underrepresented in computing (African American, Latinx, Native American/First Peoples, and/or People with Disabilities), who has made significant research contributions in computer science and/or engineering and has also contributed to the profession, especially in outreach to underrepresented populations and broadening participation.

Learn more about Clarence "Skip" Ellis.

The Debt Limit Deal and How it Could Impact Research Funding

By Brian Mosley, Senior Policy Analyst

Over the Memorial Day Weekend, President Biden and House Speaker McCarthy (R-CA) agreed to a deal to suspend the nation's debt limit and make changes to control federal spending. Congress worked quickly over the following week and, through much partisan grumbling and political showmanship, passed the legislation into law.

The deal that was struck has impacts on the Federal budget. Both the White House and House Republicans released breakdowns of what was agreed to. As with past budget deals, it keeps the defense vs nondefense pots of federal spending. Non-defense spending will be kept "roughly flat" for Fiscal Year 2024 (ie: the year that starts on Oct 1 and is currently being worked on by Congress) and will increase by 1 percent for FY2025. Defense spending will increase by 3.3 percent for FY2024 and 1 percent for FY2025. There are no caps set after FY2025, only, "non-enforceable appropriations targets," according to the White House document.

As a bit of an aside: there is also an unusual section of the legislation which imposes a 1 percent cut on current Federal funding in the event a continuing resolution is passed by Congress. Given that Congress has consistently not been able to pass the federal budget on time, we are likely to see this happen come October 1st.

Perhaps of most significance for a "debt limit deal," it also suspends the nation's debt limit until January 1st, 2025, bypassing next year's Presidential election.

Finally, the deal also has several provisions unrelated to the nation's debt limit or the overall Federal budget. These include such things as work requirements for people on food assistance programs, fast-track approval of a West Virginia natural gas pipeline, protecting veterans' healthcare spending, cuts to the IRS' budget, and rescinding unspent COVID related spending, among other provisions.

How does this impact research funding: while the deal doesn't explicitly cut scientific research, it makes a difficult budget situation worse. With nondefense spending, which includes most of the federal research funding portfolio, kept flat for this coming fiscal year, it will make fully funding the Chips & Science Act more unlikely. Science had a particularly good write-up on the impacts, with reactions from people within the science policy community.

With the deal passed, it is now the law of the land…or is it? Senate Majority Leader Schumer (D-NY) read a joint statement, agreed to with Senate Minority Leader Mitch McConnell (R-KY), on the floor of the Senate, and entered into the Congressional Record:

> Joint Statement From Senate Leaders
>
> We share the concern of many of our colleagues about the potential impact of sequestration and we will work in a bipartisan, collaborative way to avoid this outcome.
>
> Now that we have agreed on budget caps, we have asked Appropriations Committee Chair Senator Murray and Vice Chair Senator Collins to set the subcommittee caps and get the regular order process started.
>
> To accomplish our shared goal of preventing sequestration, expeditious floor consideration will require cooperation from Senators from both parties. The Leaders look forward to bills being reported out of committee with strong bipartisan support. The Leaders will seek and facilitate floor consideration of these bills with the cooperation of Senators of both parties.

Senator Schumer also said that this legislation,

> "does nothing to limit the Senate's ability to appropriate emergency/supplemental funds to ensure our military capabilities are sufficient to…respond to ongoing and growing national security threats, including Russia's ongoing war of aggression against Ukraine, our ongoing competition with China…or any other emerging security crisis; nor does this…limit the Senate's ability to appropriate emergency/supplemental funds to respond to various national issues, such as disaster relief, or combating the fentanyl crisis, or other issues of national importance."

The joint statement and Senator Schumer's remarks were essential to get defense hawks to back the final debt limit legislation. But what do these statements do in relation to what was just passed into law?

Put simply, Congress can pass a new law that suspends previously enacted legislation. In this case, the Senate could pass supplemental funding bills that suspends or goes around these agreed-to caps. But such legislation would then have to move to the House of Representatives, controlled by Speaker McCarthy and the Republican House Caucus, for consideration. In all likelihood, the House would not agree to such a move, calling it a violation of the debt limit deal, and the legislation would be dead. Of course, the House could also agree to such a move and pass it into law, suspending the deal that was just agreed on. Again, there is no law Congress can pass that it can't suspend, as long as both chambers agree (and the President will sign into law).

This doesn't mean these caps aren't in place, or that they can be ignored out-of-hand. What it means is that going around the caps will require another agreement between the President, House Republicans, and the Senate. It's an exit clause, of sorts, but not an easy one to use. We've been through this before with past budget-debt-limit deals, where funding caps were suspended or raised. The unfortunate reality means that the research community will have to cope with two years of budget caps again. On the brighter side, if past is prologue, there likely will be another grand budget deal negotiated at the end of the year (such an outcome is not guaranteed though). Please keep checking the CRA Policy Blog for updates and to track the Fiscal Year 2024 budget process.

Leaders from American Science Societies, Colleges & Universities, and High-Tech Companies Call on Congressional Leaders to Provide Strong Investments for Research in Line with Chips & Science Act

By Brian Mosley, Senior Policy Analyst

The Task Force on American Innovation (TFAI), a coalition of American universities, scientific societies, and high-tech companies, released a letter on May 26th calling on the leaders of both Congressional Appropriation Committees to provide, "strong investments in science research, innovation, and workforce development," in the coming Fiscal Year 2024 budget. The letter was signed by several leaders of TFAI members, including Nancy Amato, Chair of the CRA Board of Directors. Other signers include leaders from Google, Microsoft, AMD, SIA, and IBM to name a few.

As Congress and the President's attention have been dominated by the debt limit debate, it's important that the community continue the drumbeat that investments in the federal research enterprise are essential for the competitiveness and wellbeing of the nation.

Arizona State University

Teaching Professor (all ranks) or Instructor

The School of Computing and Augmented Intelligence (SCAI) in the Ira A. Fulton Schools of Engineering at Arizona State University (ASU) seeks energetic individuals for multiple full-time positions of Teaching Professor (all ranks considered) or Instructor beginning August 2023. These teaching faculty positions support primarily the Computer Science and Engineering programs, but teaching faculty are expected to support the instructional mission of all SCAI programs. SCAI has locations on the Tempe and Polytechnic Campuses and the programs are expanding to the West Campus, and thus some travel among campuses should be expected. In addition, SCAI offers multiple online degree programs and faculty participate in the creation of curriculum and delivery of instruction in the online modality. All teaching faculty positions are non-tenure track appointments with a fixed term academic year contract. Appointments will be made at the rank of Teaching Professor, Associate Teaching Professor, Assistant Teaching Professor, or Instructor commensurate with the candidate's experience and accomplishments. Opportunities exist to augment the academic year salary by assisting with summer instruction.

Review of applications will commence on April 28, 2023. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until all positions are filled.

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

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

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

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

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

Bates College

Visiting Assistant Professor of Digital and Computational Studies

The *Digital and Computational Studies* (DCS) Program at *Bates College* invites applications for a one-year Visiting Assistant Professor to begin employment 01 August 2023. The teaching load is 5 courses per academic year and candidates should have completed their Ph.D. in Data Science, Computer Science, or a related field (e.g., Digital Humanities, Applied Mathematics, Computational Neuroscience, Computational Social Science) by 01 August 2023. Review of applications begins 28 April 2023, and will continue until the position is filled.

FMI and to apply *http://apply.interfolio.com/124497*

Birmingham-Southern College

Assistant/Associate Lecturer of Data Science/Visiting Assistant Professor CS

Birmingham-Southern College (BSC) invites applications for an Assistant or Associate Lecturer in Data Science as well as a Visiting Assistant Professor in Applied Computer Science (ACS) beginning fall 2023. We seek faculty members with broad teaching and research interests who will support, enhance, and expand the Applied Computer Science curriculum at all levels. We are looking for applicants with a PhD in Data Science, Computer Science, or closely related fields. BSC is committed to diversifying our faculty

CRA
Computing Research
Association

and access to higher education, and our department strives to increase access to STEM majors and careers among underrepresented groups.

For more information and application instructions, please visit *https://www.bsc.edu/administration/humanresources/careersbsc.html*.

Boise State University

Tenure-Track Faculty (Assistant/Associate Professor)

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

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

A PhD in computer science, or a closely related field, is required by the date of hire. Applicants for the associate professor rank should have an established record of excellence in teaching, significant contributions in research, and experience in collaborating with faculty or industry

to develop and sustain funded research programs. Applicants for the assistant professor rank should have a demonstrated potential for establishing such a record.

Review of applications will begin on April 24 and will continue until the position is filled.

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

Application Procedure Instructions:

Please visit *jobs.boisestate.edu/en-us/job/497552/assistant-or-associate-professor-computer-science* to submit a cover letter addressed to the CS Search Committee indicating your interests and qualifications for this position, a CV that includes employment history, and statements of research and teaching interests. Provide three professional references with contact information.

Brandeis University

Computer Science Department

Full-time teaching faculty Positions

The Computer Science Department at Brandeis University invites applications for up to two full-time teaching faculty positions. Faculty rank is open, and will depend on experience and qualifications; both positions

are outside the tenure structure and start in the Fall 2023 semester. The positions will have an initial appointment of up to three years and the potential for renewal.

We seek candidates who are able to teach a wide range of core computer science courses, as well as occasional upper-level and graduate electives. The successful candidate must be committed to excellence in undergraduate teaching and is expected to participate fully in the academic life of the department, including advising, participating in faculty meetings, supporting undergraduate research and other activities relevant to our teaching mission. Candidates are expected to have strong foundational knowledge in one or more areas of our core curriculum.

A Ph.D. is preferred but not required. Candidates should be able to demonstrate excellence in teaching computer science at the university level. Salary is commensurate with qualifications.

For more information see: *https://academicjobsonline.org/ajo?joblist---2691-23170*

Clemson University

School of Computing Post Doctoral Fellow

The School of Computing at Clemson University is seeking multiple highly motivated postdoc with demonstrated skills in deep learning. Candidates familiar with generative models, such as VAE, GAN and diffusion model, is a plus. The postdocs will work on developing deep learning methods for application domains, such as material science,

manufacturing, biology. The positions include a competitive salary (100K+), health insurance, and retirement.

Applicant should submit their CV to *luofeng@clemson.edu*.

Review of applications will begin immediately.

Clemson University is an Equal Opportunity/Affirmative Action/Equal Access Employer.

College of William & Mary

Visiting Instructor/Assistant Professor of Computer Science

The Department of Computer Science at William & Mary, a public university of the Commonwealth of Virginia, invites applications for a non-tenure eligible Visiting Instructor/Assistant Professor position for a two year appointment term that will begin August 10, 2023. We seek an individual with expertise in computer science. The successful applicant will be expected to be an effective teacher and will have a 3-3 teaching load.

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

A Master's degree is required.
A Ph.D. or ABD in Computer Science or a related field at the time the appointment

begins or professional experience in computing is preferred. Previous teaching experience is also preferred.

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

Special applicant Instructions:

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

For full consideration, submit application materials by the review date, [May 1, 2023] Applications received after the review date will be considered till the position is filled.

Fundação Getulio Vargas (FGV EMAp)

Open rank professor in Data Science

The School of Applied Mathematics at Fundação Getulio Vargas (FGV EMAp) in Rio de Janeiro, Brazil, is looking for established researchers (associate/full professor) or outstanding young researchers (assistant professor) who have demonstrated research and teaching expertise in Data Science.

The successful candidate is expected to develop an externally funded research programme, publish in high impact venues, supervise research (postgraduate) students, teach at both undergraduate and graduate levels, and provide service to the department and institution. Peer-reviewed external funding is expected to be obtained and sustained. Industrial partnerships are also strongly encouraged.

Learn more at *https://emap.fgv.br/open-rank-professor-data-science-0*

Professional Opportunities

Hampden-Sydney College

Visiting Assistant Professor, Visiting Instructor, or Lecturer in Computer Science

Hampden-Sydney College is seeking applicants for a Visiting Assistant Professor, Visiting Instructor, or Lecturer position for academic year 2023-24. The courseload is negotiable, with up to four undergraduate computer science classes per semester.

Applicants must have a Master's degree or Ph.D. in Computer Science or a related field by the time of appointment. Candidates should have at least 18 credit hours of graduate course work in Computer Science or similar experience.

Hampden-Sydney College values diversity, prohibits discrimination, and is committed to equal opportunity for all employees and applicants for employment.

For more information and to submit application materials, visit *http://apply.interfolio.com/123920*.

Harvey Mudd College

One-year/Two-year Visiting Professor Positions in Computer Science (open rank)

The *Computer Science Department at Harvey Mudd College (HMC)* invites applications for one-year and two-year Visiting Professor positions in computer science starting in the 2023-24 academic year. Candidates in all areas of computer science and at all ranks, including Associate or Full Professors planning a sabbatical or retirement visit, will be considered.

HMC is a highly selective undergraduate liberal arts college (900 students)

emphasizing science, mathematics, and engineering. HMC is part of the Claremont Colleges consortium, which includes five colleges and two graduate schools. The Computer Science Department currently has sixteen tenure-track faculty members and anticipates searching for additional tenure-track faculty during the 2023-24 academic year. The department and the college place a high value on effectively engaging students from traditionally underrepresented groups, and candidates from these groups are especially encouraged to apply.

Learn more/Apply at: *https://academicjobsonline.org/ajo/jobs/24333*

Harvey Mudd College is an equal opportunity and affirmative action employer committed to providing a workplace free of discrimination, harassment, and disrespectful or other unprofessional conduct (*HMC EEO/ Nondiscrimination Statement*).

Hunter College of CUNY

Assistant/Associate/Full Professor - Computer Science, Cyber Security

Job ID 26556

The Department of Computer Science (*http://www.hunter.cuny.edu/csci*) at Hunter College of CUNY invites applications for Full-Time Open Rank position to start at the beginning of the Fall 2023 semester. Although applications at the Assistant Professor rank are strongly encouraged, applications seeking appointment at a rank above Assistant Professor will be considered. Ph.D. degree is required. Salary commensurate

with academic accomplishments and experience $82,928- $141,858).

For a complete job description and direction on how to apply, please visit: *www.cuny.edu/employment*.

The search will remain open until the position is filled.

CUNY EEO/AA/Vet/Disability Employer.

Indiana University

Lecturer in Informatics

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

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

In addition to both online and in person teaching, lecturers also supervise associate instructors and undergraduate teaching assistants assigned to their classes, develop laboratory material, grade, and perform other duties as

assigned. Service is an important component of all faculty positions.

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

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

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

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

Applications received by June 8, 2023 will be assured full consideration; however, the search will remain open until a suitable candidate is found. Interviews will begin in mid-June 2023. Candidates should review application requirements and apply online at:

https://indiana.peopleadmin.com/postings/14031

Questions may be emailed to: *johfdunc@indiana.edu*

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

Iowa State University

Researcher and Engineer Positions in Advanced Wireless

The Center for Wireless, Communities and Innovation (*https://wici.iastate.edu/*) at Iowa State University has several Researcher and Engineer positions for research, development, innovation, and entrepreneurship in advanced wireless (e.g., URLLC in 5G-and-beyond systems), Open RAN, rural broadband, and applications.

The positions offer opportunities of contributing to exciting projects such as the $16M ARA PAWR project (*https://arawireless.org*), $20M ICICLE AI Institute project (*https://icicle.ai*), OPERA open-source ecosystem project (*https://wici.iastate.edu/opera*), and other projects of the WiCI Center (*https://wici.iastate.edu/projects*).

For details, please check out *https://wici.iastate.edu/career/*.

Iowa State University

Tenure-Track Faculty Position in Computer Science – Bioinformatics and Computational Biology, Theoretical Computer Science

The Department of Computer Science in the College of Liberal Arts and Sciences at Iowa State University in Ames, Iowa, seeks outstanding applicants for a tenure-track faculty position at the rank of Assistant Professor. We are specifically looking for candidates in bioinformatics, computational biology and theoretical computer science.

The successful candidate will be expected to develop and sustain a strong Computer Science research program; develop collaborative and interdisciplinary research; publish in top venues; provide outstanding graduate student supervision; teach undergraduate and graduate Computer Science courses; and enhance ISU through professional and institutional service. We are interested in exceptional candidates who can expand our research profile in new areas.

Iowa State University strives to be the university that cultivates a diverse, equitable and inclusive environment where students, faculty and staff flourish. To that end, we welcome candidates from diverse and underrepresented backgrounds to apply. We are dedicated to work-life balance through an array of flexible policies. We are responsive to the needs of dual-career couples.

The Department of Computer Science resides in the College of Liberal Arts and Sciences offering B.S., B.A., M.S., and Ph.D. degrees in Computer Science and a brand-new M.S. degree in Artificial Intelligence. The department is proud to be one of the founding departments for the B.S. in Software Engineering, B.S. in Data Science, Data Science Minor and Certificate along with the B.S. and Ph.D. degrees in Bioinformatics and Computational Biology. We are active in interdepartmental graduate programs in Bioinformatics and Computational Biology, Human-Computer Interactions, and Information Assurance.

The department participates in many interdisciplinary research collaborations, including partnerships with faculty in bio-sciences, mathematical sciences, and engineering. The Department of Computer Science has 38 faculty professionals, 150 Ph.D. students, 71 M.S. students, and approximately 900 B.S. students. All admitted Ph.D. students are offered a two-year teaching assistantship from the department, and almost all are supported by research or teaching assistantships after that. We have strong research and educational programs in Artificial

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KENT STATE UNIVERSITY

Faculty Non-Tenure Track-9 Mo
Computer Science
[Job # 986991]
Kent Campus - Kent, OH

Kent State University's Department of Computer Science is seeking a 9-month, full-time, non-tenure track faculty position with a generalized specialization in various areas of computer science including but not limited to computer engineering, game design and programming, robotics, data science, algorithms, artificial intelligence, networking, hardware and software engineering, and programming languages.

Expected qualifications include a PhD in computer science, computer engineering, cybersecurity, or a related field. Candidates without a PhD who have strong relevant industrial experience are also welcome to apply. Experience in related teaching, and industrial exposure, or professional training, will be highly valued. There will also be an opportunity to engage in collaborative research and research advising.

Review of applications will begin immediately.
Salary and compensation are competitive and commensurate with academic qualifications and experience. Review of applications will begin immediately and continue until the position is filled.

The department runs one of the oldest and strongest programs in cybersecurity in the State of Ohio and is compliant with NSA/ACM and other national curriculum recommendations.
Our department offers the B.S., B.A., M.S., M.A., and PhD degrees along with an M.S. in data science and an M.S. in artificial intelligence. The department has seventeen full-time faculty and currently enrolls over 500 undergraduate students and over 200 graduate students.
Kent State University is in Northeast Ohio and has a student population of approximately 28,000. The beautiful park-like campus is within walking distance from downtown Kent. The city has recently undergone a major renovation and has a vibrant town center with many new restaurants and shops. Kent State is considered one of the best institutions to work for in the nation. It also has a strong commitment to diversity participation. More information about the department can be found at http://www.cs.kent.edu.

For a complete description of this position and to apply online,
*visit our jobsite at **https://jobs.kent.edu***
Equal Opportunity / Affirmative Action Employer / Disabled / Veterans

Intelligence, Machine Learning and Data Science, Bioinformatics and Computational Biology, Human Computer Interaction, Robotics and Autonomous Systems, Software Engineering and Programming Languages, Systems and Networking, and Theoretical Foundations. Our department has over $16 million in active research grants, including the interdisciplinary activities mentioned, and we contribute to active research and training grants totaling approximately $25 million.

All interested, qualified persons can find more information, including required and preferred qualifications and where to apply, at *https://isu.wd1. myworkdayjobs.com/IowaStateJobs/ job/Ames-IA/Assistant-Professor-of-Computer-Science_R9772*. To ensure full consideration, applications should be received by **April 4, 2023**, but will be accepted until the position is filled.

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

Marquette University

Assistant/Associate Professor of Practice in Computer Science (open rank - Fall 2023)

The *Department of Computer Science* welcomes applications for an Assistant/Associate Professor of Practice (open rank) to begin Fall of 2023. We are particularly interested in candidates who can serve as Director of our graduate Computer & Information Science program and support the continued success of this nationally-ranked program. The successful candidate will have a passion for the role of computer and information science across different sectors, local and regional connections with industry and other related stakeholders, and a demonstrated commitment to teaching excellence.

Please apply here: *https://employment. marquette.edu/hr/*

Milwaukee School of Engineering

Computer Science (CS) / Software Engineering (SE) Faculty

The Electrical Engineering and Computer Science (EECS) department at the Milwaukee School of Engineering (MSOE) seeks applicants to fill multiple Computer Science (CS) / Software Engineering (SE) Faculty positions at any rank to support a new master's program in Machine Learning as well as established undergraduate Computer Science and Software Engineering programs. MSOE expects, rewards, and supports a strong primary commitment to excellence in teaching.

Faculty enjoy small class sizes and hands-on labs as well as continuous improvement and sustained professional development. Among the department's strengths are strong partnerships with numerous businesses and academic institutes, which guide applied projects, undergraduate research, and curriculum development.

For a detailed position description and to apply, please visit *http://jobs. localjobnetwork.com/j/70334489*

MSOE is an Equal Opportunity Employer & Educator.

North Carolina School of Science and Mathematics

Computer Science Instructor

Instructor of Computer Science to join an Amazing Team at NCSSM-Durham in Fall 2023! Experience with and enthusiasm for teaching high achieving high school or undergraduate students with a strong emphasis on technology is desired. Required: A degree in a technology field related to computer science and a Masters degree or higher in a related field or education.

North Carolina School of Science and Mathematics is a world-class residential public high school with national reach. Specializing in STEM, it challenges talented high school juniors and seniors through a two-campus residential program and an online campus. Founded in 1980, NCSSM is a member of the 17-institution UNC System.

Apply Here: *http://bit.ly/3MAPLkJ*

Northwestern University

Assistant/Associate Professor (Team Science Track)

Qualified candidates will hold a doctoral degree in a relevant field, have substantial experience in digital health, and have a strong track record of scientific achievement demonstrated by peer-reviewed publications, preferably grant funding, and contributions as part of a multidisciplinary team. Candidates will be expected to establish and maintain an externally funded research program. Both independent and collaborative research are valued. Team Science Faculty hold full faculty privileges, are eligible for promotion, able to mentor students/fellows, able to submit grants as PI or Co-I, and have numerous opportunities for team science collaborations. Successful candidates will play a role in a growing multi-disciplinary program of research on building evidence-based technology-supported preventive interventions in the health care delivery system and the community.

For more information and to apply, visit: *https://facultyrecruiting.northwestern.edu/apply/MTgwMQ==*

Princeton University

Center for Statistics and Machine Learning

Lecturer

Center for Statistics and Machine Learning at Princeton University seeks applications from outstanding professional instructors to join our faculty in creating and teaching exciting undergraduate data science,

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Postdoctoral Scholar - Computational Biology

The Uzun Lab at the Penn State College of Medicine, Department of Pediatrics, is seeking a postdoctoral scholar in computational biology.

Candidates holding a PhD degree in Computer Science, Math, Statistics and Life sciences PhDs with computational experience are also eligible for this position. Bioinformatics experience is preferred but not required. PhD candidates who submitted their doctoral thesis and expecting to graduate no later than 2023 Summer, can also apply.

Prior hands-on experience in R and Unix/Linux shell scripting is required with demonstration in past projects.

Position details, application instructions and link are available at:
https://apptrkr.com/4046237

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statistics, and machine learning courses. Depending on applicant's background, responsibilities may include teaching full courses, giving lectures, leading precepts, supervising graduate student teaching assistants, participating in course and curriculum design, and connecting research to courses. Part-time or full-time positions may be available. Appointment(s) will be made at the rank of Lecturer.

Essential Qualifications: Advanced degree in computer science, statistics, or a related field. Ability to Program in Python or R.

Preferred Qualifications: Ph.D., prior teaching experience at the college or university level, and some background in applications to experimental science.

To apply, submit a cover letter, CV, and contact information for three references at *https://www.princeton.edu/acad-positions/position/30181*.

Application deadline: June 5, 2023, at 11:59 EST.

Rollins

Lecturer, Data Analytics

The Department of Math & Computer Science at Rollins College invites applications for a full-time L**ecturer in Data Analytics**, beginning in August 2023.

This is an interdisciplinary search open to candidates with a Master's or doctoral degree in any relevant area – including but not limited to:

Data Science, Statistics, Economics, Computer Science, Mathematics, or Business – or a degree in another area and significant experience in quantitative methods.

Minimum Qualifications and Education:
- Master's degree or Ph.D. in a field related to data analytics or quantitative analysis (e.g., Data Science, Statistics, Economics, Computer Science, Mathematics, Business) or a Master's degree in another area with extensive training in quantitative methods.
- Knowledge of one or more programming languages, tools, and frameworks used in modern analytics work, such as R, the Python data science ecosystem, SQL, SAS, and Amazon Web Services. Experience with business analytics tools such as Excel and Tableau has value, but is not a substitute for this requirement.
- Willing and able to support a diverse student body and encourage the participation of women and other traditionally underrepresented groups in quantitative fields.
- Experience with, interest in, or appreciation of the ideals of liberal education.
- Interest in developing new classes for non-majors.
- Ability and desire to continually learn and maintain up-to-date skills in both software development and pedagogy.
- Excellent communication skills.
- Maintains professional and respectful interactions with students, staff, and faculty.

For more information and to apply, please visit: https://apptrkr.com/4182941

Shanghai Jiao Tong University

Faculty Positions at the John Hopcroft Center for Computer Science

Shanghai Jiao Tong University (SJTU) is one of the oldest and most prestigious universities in China, which enjoys a long

history and a world-renowned reputation. The John Hopcroft Center for Computer Science at SJTU seek candidates for faculty positions starting on a mutually agreed date. Appointment will be at all levels of tenure-track (Assistant/Associate Professor) positions. Faculty duties include teaching at the undergraduate and graduate levels, research, and supervision of student research. Candidates should hold a Ph.D. in computer science or a related field by the start of employment.

The John Hopcroft Center for Computer Science at SJTU, founded in January 2017, focuses on the fundamental problems in computer science, exploring new theories and efficient algorithms for the future, and fostering talents in computer science. The center will provide a favorable international academic environment for faculty members. Professor John Hopcroft who is the director of the Center, 1986 Turing Award winner, has been working at SJTU since 2011. (*https://jhc.sjtu.edu.cn/*)

To apply, please submit a cover letter, curriculum vita (CV), a research statement and a teaching statement to *jhc@sjtu.edu.cn*.

To ensure full consideration, please apply by December 30, 2023, although applications will be accepted until all positions are filled.

Southern Methodist University-Dallas, Texas

Peter O'Donnell, Jr. Director of the Data Science Institute

Southern Methodist University (SMU), the premier private university in North Texas, seeks a visionary and highly collaborative leader to serve as the Peter O'Donnell, Jr. Director of the Data Science Institute (Director). This is an extraordinary opportunity to lead a distinguished institute and help chart the course of its future. SMU is entering the second year of a $1.5 billion capital campaign to attract and support outstanding students and faculty, to explore new fields with cutting-edge research empowered by future- facing technologies, and to positively impact Dallas and the world beyond. With appointment beginning as early as the fall 2023 semester, the Director will have the opportunity to reimagine and implement a strategic vision for future excellence.

With the support of the Provost and the Vice Provost for Research and Chief Innovation Officer, the Director will help position SMU as a respected leader in data science and high-performance computing by creating an ecosystem of data-related research, computational power, education, and engagement. As the commensurate leader of the Data Science Institute (DSI) and Center for Research Computing (CRC), the Director will develop, implement, and effectively communicate a vision that encourages productive collaborations across the university. In doing so, the Director will oversee initiatives and operations dedicated to catalyzing interdisciplinary data science research, scholarship, and innovation while establishing critical partnerships with other academic institutions, government agencies, and major corporations and local industry. As an advocate for the DSI and computing power at SMU, the Director will, firstly, broadcast SMU's compelling story to further generate wide-ranging philanthropic support for the institute's growth and expansion; and, secondly, make significant contributions to SMU's efforts towards Carnegie Research I (R1) classification.

The Director will bring a demonstrated record of multidisciplinary team-building experience and a collaborative, inspirational, and entrepreneurial leadership style. Experience in launching and sustaining multidisciplinary programs or initiatives, building sustainable infrastructure in the research space, exercising sound fiscal management and growth, and fostering positive and trusting organizational culture will contribute to the Director's success. SMU has retained Isaacson, Miller, a national executive search firm, to assist with this important search.

For more information, to make a nomination, or to apply for this role, please visit: *https://www.imsearch.com/open-searches/southern-methodist-university/peter-odonnell-jr-director-data-science*

SMU will not discriminate in any employment practice, education program, education activity, or admissions on the basis of race, color, religion, national origin, sex, age, disability, genetic information, or veteran status. SMU's commitment to equal opportunity includes nondiscrimination on the basis of sexual orientation and gender identity and expression. The Executive Director for Access and Equity/Title IX Coordinator is designated to handle inquiries regarding the nondiscrimination policies, including the prohibition of sex discrimination under Title IX. The Executive Director/Title IX Coordinator may be reached at the Perkins Administration Building, Room 204, 6425 Boaz Lane, Dallas, TX 75205, 214-768-3601, *accessequity@smu.edu*.

Assistant Professor - Computer Science, College of Engineering and Applied Sciences

Location: Stony Brook, NY
Open Date: Mar 15, 2023
Deadline: Apr 16, 2023 at 11:59 PM Eastern Time

Description
Stony Brook University's Department of Computer Science invites applications for a tenure-track assistant professor position with an expected starting date of Fall 2023. We are interested in candidates with background in all areas of computer systems, broadly defined. We are specifically interested in hearing from candidates with expertise in any aspect of data management and in software engineering. The Assistant Professor will be responsible for teaching undergraduate and/or graduate courses and conducting scholarly research.

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.

Qualifications

Required Qualifications:
Ph.D. in Computer Science or a closely related discipline. Outstanding scholarly records and stellar potential in their field of study. Demonstrated a sincere commitment to teaching and mentoring.

Preferred Qualifications:
Previous experience or background in all areas of computer systems, such as operating systems, programming languages, networking, data management, and software engineering. Research background in data management or software engineering.

Application Instructions

To apply, visit: **https://apptrkr.com/4009913**

Applications received by **April 16, 2023** will receive full consideration. Candidates who apply on or after **April 17, 2023** will be considered on a rolling basis until the position is filled. Please apply here with the requested documents: **https://apptrkr.com/4009913.**

- Cover Letter
- Curriculum Vitae
- Teaching Statement
- Research Statement
- Three letters of recommendation or evaluation

All application materials must be submitted online. Please use the Apply Now button to begin your application. For technical support, please visit Interfolio's Support Site (https://support.interfolio.com/) or reach out to their Scholar Service Team at help@interfollio.com or (877) 997-8807.

Applicant inquiries can be emailed to: **recruit@cs.stonybrook.edu**

Special Notes:
This is a tenure-track position. FLSA Exempt position, not eligible for overtime. Internal and external search to occur simultaneously.

Anticipated Start Date: Fall 2023

THE FOLLOWING PARAGRAPH ONLY APPLIES TO POSITIONS THAT MAY COME IN CONTACT WITH PATIENTS OR PATIENT CARE EMPLOYEES.

In accordance with federal and state regulations that all hospitals and nursing homes require personnel to be vaccinated against COVID-19, candidates who are not already fully vaccinated must obtain the first dose of a COVID-19 vaccine within three (3) calendar days of acceptance of a conditional job offer and must obtain any subsequent doses in accordance with that particular vaccine manufacturer's protocol. Candidates who are partially vaccinated, but not yet fully vaccinated, must complete their vaccination series within three (3) calendar days of a job offer or in accordance with that particular vaccine manufacturer's protocol, whichever comes later.

The state regulation also includes those who may be affiliated with or interact with employees of a hospital or nursing home. The regulations allow for limited exemptions with reasonable accommodations, consistent with applicable law.

The selected candidate must successfully clear a background investigation.

In accordance with the Title II Crime Awareness and Security Act, a copy of our crime statistics is available upon request . It can also be viewed online at the University Police website athttp://www.stonybrook.edu/police.
Stony Brook University is committed to excellence in diversity and the creation of an inclusive learning, and working environment. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, familial status, sexual orientation, gender identity or expression, age, disability, genetic information,veteran status and all other protected classes under federal or state laws.

CRA
Computing Research
Association

Stony Brook University

Lecturer, Assistant/Associate/Full Professor of Practice
Department of Computer Science - Stony Brook University

Stony Brook University's Department of Computer Science invites applicants for a **Teaching Faculty Position** with an expected start date of Fall 2023. The candidate will hold the position of lecturer or assistant/associate/full professor of practice depending on qualification.

The selected candidate should hold an MS or Ph.D. in Computer Science or a closely related discipline and should have a strong commitment to teaching.

The candidate is expected to teach introductory and advanced undergraduate courses in Computer Science, and possibly graduate courses, depending on experience and interests. We are specifically interested in hearing from candidates with expertise and teaching interest in introductory or advanced programming, systems programming, web, software engineering or networking. Engaging in scholarly research and mentorship of graduate students are encouraged but not mandatory. The department values diversity and seeks candidates who can contribute to a welcoming climate for all students. We strongly encourage qualified women and minority candidates to apply.

Stony Brook University is located 60 miles from New York City on Long Island's scenic North Shore. Home to many highly ranked programs, it is a member of the prestigious Association of American Universities (AAU).

The Department of Computer Science is one of the largest departments in campus and offers BS, MS and PhD degrees in Computer Science and BS degree in Information Systems. The BS program in Computer Science is ABET accredited. The department currently has over 50 faculty members and is undergoing a period of rapid growth. The department is housed in a new state-of-the-art 70,000 sq ft building. The department is either home to or has significant collaborations with several interdisciplinary centers on campus, including the Institute for AI-Driven Discovery and Innovation, National Security Institute (NSI), Center for Visual Computing (CVC), Center of Excellence in Wireless and Information Technology (CEWIT) and Institute of Advanced Computational Science (IACS). Detailed information on the department can be found on the Department website: http://www.cs.stonybrook.edu.

Applicants need to electronically submit a curriculum vitae, statements of teaching and research, and three letters of recommendation or evaluation.
Please apply here with the requested documents: https://apptrkr.com/4009909

Texas A&M University/ College Station

Tenure-Track Assistant Professor in Visual Computing

The School of Performance, Visualization & Fine Arts (PVFA), Texas A&M University, invites applications for a tenure track Assistant Professor position in the Visual Computing and Computational Media (VCCM) Section. We are looking for candidates with research directions in all areas of visual computing, such as 3D modeling and animation, visual effects, human-computer interaction, data visualization, computer vision, extended reality, robotics, acoustics in virtual environments, and fabrication. VCCM is the focus for scientific and technical research and teaching in PVFA. The school's

strength is in the merging of art and science across a broad range of creative pursuits. This position will be a nine-month, full-time, academic appointment, with an expected start date of Fall 2023.

The successful applicant will develop an independent, externally funded research program, teach courses at the undergraduate and graduate levels, advise and mentor graduate students, participate in all aspects of the school's activities, and serve the professional community.

The School of Performance, Visualization & Fine Arts is a new school within the Texas A&M University System and has a diverse and dynamic mission with 60 faculty and over 15 staff members and a projected exponential growth in the next five years. The school was formed

from three departments/programs spread across the university: the Department of Visualization, the Department of Performance Studies, and the Dance Science Program. The mission of PVFA places a heavy emphasis on faculty and student collaboration and interdisciplinary work in both scholarly and creative research. Texas A&M University leadership has charged the school with developing innovative research and creative works, public performances, and degree offerings at the undergraduate, graduate, and doctoral levels that build upon our strength in merging art and science, as well as the traditional fields of music, dance, art, and theater. The new school is projected to move into a new, $175m state-of-the-art visual and performing arts center. Construction is

slated to begin in 2024. Applicants should consult the school's website to review our academic and research programs (*https://pvfa.tamu.edu/*).

Qualifications

A Ph.D. in Computer Science or a related field is required. Strong written and verbal communication skills are required as is an enthusiasm for applying technical, mathematical, and scientific expertise in collaboration across the range of artistic, technical, and humanistic disciplines represented in the school.

Application Instructions

Interested individuals should apply through Interfolio: (*apply.interfolio.com/122092*) and submit the following materials:

- Cover letter
- Curriculum vitae
- Personal Statement: Your statement should include your philosophy and plans for research, teaching, and service as applicable.
- Names and contact information of five professional references

Review of applications will begin 30 days after posting and continue until the position is filled. For additional application information, please contact the search committee chair Dr. Ergun Akleman, *ergun.akleman@tamu.edu*.

Equal Employment Opportunity Statement

Equal Opportunity/Affirmative Action/ Veterans/Disability Employer committed to diversity.

Union College

Visiting Assistant Professor of Computer Science

Union College invites applications for a two-year faculty position in Computer Science at the rank of Visiting Assistant Professor, beginning September 2023. The area of expertise is open. We are interested in candidates who can teach core CS classes and also courses in their areas of expertise, especially at the interface of CS and other fields, such as computational biology or digital humanities.

Interested candidates should electronically submit a cover letter, curriculum vitae, statement of teaching philosophy, statement of current research interests, and, optionally, any teaching evaluations from the past three years. Candidates who are selected for an interview will be asked to also provide letters of reference. Candidates are invited to describe explicitly the nature of their commitment and experience with underrepresented groups, and their ability to teach and retain a broadly diverse student body including groups underrepresented in computer science.

See *cs.union.edu/jobs* for instructions about how to submit the relevant materials.

We will begin reviewing applications starting April 15, 2023 and will continue until the position is filled.

University of Arizona

Director, Center for Biomedical Informatics and Biostatistics

The *University of Arizona* invites applications and nominations for the role of Director of the *Center for Biomedical Informatics and Biostatistics* (CB2).

Reporting to the *Senior Vice President for Health Sciences*, who in turn reports to the University's president, CB2's Director oversees core informatics services for *UArizona Health Sciences*. CB2 currently supports faculty and researchers with *electronic data capture*, *health informatics*, *biospecimen management*, and *statistical consultation*. The Director is a key member of the UArizona Health Sciences senior leadership team, which includes Health Sciences Vice Presidents, College Deans, and other Center Directors. For a full description of the role, including qualifications, please see *here*.

The University of Arizona has engaged Opus Search Partners to support the recruitment of this position. Craig Smith, Partner, and Chris Stadler, Associate, are leading the search. Inquiries, applications, and nominations should be sent by email to Chris (*chris.stadler@opuspartners.net*). The search process will unfold with the greatest possible attention to candidate confidentiality. Required application materials include a CV and a cover letter that addresses the required and preferred qualifications of the role, its responsibilities, and the University's expectations of CB2 and its Director including with regard to diversity, equity, and inclusion.

University of Arizona

Tenure or Tenure-track Assistant or Associate Professor – Quantum

The Department of Electrical and Computer Engineering, University of Arizona invites applicants for a tenure/tenure-track faculty position at an Assistant/Associate Professor level to advance the deparment's research activities in experimental quantum information science and engineering.

Candidates in experimental QISE research are encouraged to apply. The specific areas of interest include but are not limited to quantum communications, quantum networking, quantum sensing, photonic quantum information processing, quantum interconnects, intermediate-scale and large-scale quantum processors, quantum repeaters, quantum nanophotonics and silicon photonics, quantum machine learning, and quantum security.

The position start date is August 2023. For more information and to apply visit *https://arizona.csod.com/ux/ats/careersite/4/home/requisition/12591?c=arizona*

University of Chicago

Chicago, IL

Senior Instructional Professor (open rank)

Position Type
OAA – Lecturer/Senior Lecturer

Position URL
https://apply.interfolio.com/124966

Position Description
The Data Science Institute in the Physical Sciences Division at the University of Chicago invites applications for a Senior Instructional Professor position for the online modality of the Master's in Applied Data Science Program. (*https://professional.uchicago.edu/find-your-fit/masters/master-science-analytics-online*). The selected candidate will be appointed as Assistant Senior Instructional Professor, Associate Senior Instructional Professor, or 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 MS in Applied Data Science online program modality was established at the University of Chicago in 2022 to continue the growth of the program at scale with flexible options for students. This role includes the responsibilities of MS in Applied Data Science Online Program Director. The position will be responsible for the 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 flagship in-person program. The position will be expected to teach some core and elective courses for both the in-person and online modalities of the MS in Applied Data Science program.

The Data Science Institute (*datascience.uchicago.edu*) at the University of Chicago is home to a community of educators and researchers focused on advancing the foundations of statistics and computing and driving their most advanced applications. The larger data science community includes the Toyota Technological Institute at Chicago (TTIC), the Polsky Center for Entrepreneurship and Innovation, the Mansueto Institute for Urban Innovation and Argonne National Laboratory.

Qualifications

Minimum qualifications:

- A Ph.D. in statistics, mathematics, computer science or a related field.
- 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.
- At least three years of professional/
- ndustry experience with demonstrated quantitative, analytic, and leadership experience.

Preferred qualifications:

Candidates whose training and professional experience make them exceptionally qualified to lead a graduate program, teach graduate courses, and develop curriculum in one or more of the following areas is preferred: data science, machine learning, artificial intelligence, analytics in consulting, and applied statistics.

Application Instructions
The following materials are required: curriculum vitae

- cover letter that addresses the following: description of experience in managing academic programs, personnel, and/or budgets

- description of professional quantitative, analytic, and leadership experience in industry

- statement of teaching philosophy and curricular development experience;

- at least two syllabi of courses you have designed and taught

- A list of contact information for two references who can provide confidential letters of evaluation.

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 identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law.

For additional information please see the University's Notice of Nondiscrimination. Job seekers in need of a reasonable accommodation to complete the application process should call 773-834-3988 or email *equalopportunity@ uchicago.edu* with their request.

University of Cincinnati

Visiting Assistant Professor

The School of Information Technology (SoIT) at the University of Cincinnati (UC) seeks to hire two Visiting Assistant Professors to teach courses in the areas of Cybersecurity, IT Infrastructure, Human Computer Interaction, Applied Machine Learning and Intelligence, and Software Application Development.

For full job description and details on how to apply online, please visit *https://jobs.uc.edu* **and search keyword: 92744.**

University of Delaware

Temporary Instructor or Assistant Professor, Game Design and Development

The Game Studies and eSports (GAME) program at the University of Delaware (*https://www.dllc.udel.edu/undergrad- study/languages/game-studies*) seeks an exceptional candidate for the position of Instructor or Assistant Professor of Game Design and Development. The position is a terminal appointment that is renewable for up to 3 years, with a start date of August 16, 2023. It includes full benefits.

The successful candidate will have a Master's Degree in hand (Ph.D. preferred) in Computer Science or a related field, and/ or a minimum of four years' professional or pedagogical experience in game design and development using platforms like Unity3D and/or the Unreal Engine.

FULL DETAILS: *https://careers.udel. edu/cw/en-us/job/499884/temporary- instructor-or-assistant-professor-game- design-and-development*.

Review of applications will begin on April 17, 2023. Applicants should upload: a letter of application; a curriculum vitae; and contact information for three references willing to provide letters of recommendation.

For additional information, please contact Dr. Phillip Penix-Tadsen, Chair of the Search Committee, at *ptpt@udel.edu*.

University of Maryland, College Park

Core Competency Lead for Advanced Computing & Emerging Technology

Founded in 1856, University of Maryland, College Park is the state's flagship institution. Our 1,250-acre College Park campus is just minutes away from Washington, D.C., and the nexus of the nation's legislative, executive, and judicial centers of power. This unique proximity

to business and technology leaders, federal departments and agencies, and a myriad of research entities, embassies, think tanks, cultural centers, and non-profit organizations is simply unparalleled. Synergistic opportunities for our faculty and students abound and are virtually limitless in the nation's capital and surrounding areas. The University is committed to attracting and retaining outstanding and diverse faculty and staff that will enhance our stature of preeminence in our three missions of teaching, scholarship, and full engagement in our community, the state of Maryland, and in the world.

Offers of employment are contingent on completion of a background check. Information reported by the background check will not automatically disqualify you from employment.

Position Summary:

The Applied Research Laboratory for Intelligence and Security (ARLIS), based at the University of Maryland College Park, was established in 2018 under the sponsorship of the Office of the Under Secretary of Defense for Intelligence and Security (OUSD). As a University-Affiliated Research Center (UARC), ARLIS's purpose is to be a long-term strategic asset for research and development in its core competencies. This position requires a minimum of 3 days/week on site at the ARLIS facility in College Park, Maryland. The AC&ET Core Competency Lead reports directly to the ARLIS Research Director; and coordinates and stewards ARLIS research

personnel that focus on the general area of systems engineering and computing, enabling asymmetric advantage in Intelligence & Security, specifically:

- Disciplines related to the manipulation, use, and sharing of information of varying quantities and diverse forms, including knowledge discovery and data mining, knowledge management, information science, data science, emerging computing technologies, and computer science areas such as scientific, cloud and enterprise computing.

- Engineering, Systems, and Software disciplines, including systems engineering, industrial engineering, model-based engineering, software engineering, information modeling, interoperability, information systems architecture, and general topics in computer science, computer engineering, and electrical engineering related to software and systems.

Key Responsibilities:

The key responsibility of a Core Competency Lead is to support strategic and long-range planning for their group (20-30 researchers). This planning requires performing portfolio analyses and assessments for the areas of science represented by the core competency, including hiring and retention planning. The lead will manage ongoing operational and professional-development needs of the group's professional-track faculty, and establish goals and objectives for both individual and group progression. The lead must advise and assist in the development

of short- and long- range plans in collaboration with other Core Competency Leads and the ARLIS leadership team. This role also requires serving as an individual contributor and technical leader on research programs in the core competency area. This position reports directly to the ARLIS Director of Research.

Additional Responsibilities include

- coordinate, and assess the mission, vision, strategic, and operational and personnel needs of the Advanced Computing & Emerging Technology (AC&ET) group.

- Actively contribute to ARLIS's and UMD's comprehensive research strategy.

- Collaborate with internal technical program and project leadership to identify and allocate personnel for research efforts.

- Supervise and mentor Entry-, Growing-, and Career-level researchers.

- Lead and/or contribute to sponsored research projects.

- Manage group administrative activities including hiring, appraisals, and sponsored-project success.

- Provide support, encouragement, and ongoing reinforcement of continuous learning and continuous improvement to build strong operations and technical excellence within the group.

- Create a focused working environment for participating faculty through a controlled inflow and balance of project work.

- Maintain strategic partnerships with researchers, staff, ARLIS leadership, sponsors, and faculty across campus.

Professional Opportunities

Minimum Qualifications:

Education:

- Ph.D. in a field with relevance to ARLIS the core competencies (see above) OR

- An advanced degree with experience commensurate with the leadership requirements of an academic department or that of a government or industrial research laboratory.

Experience:

- 10 years of experience managing complex research programs.

- Experience overseeing hiring of science and technology professionals.

- Experience building and sustaining partnerships.

- Career track record of professional accomplishment in areas of technical expertise relevant to the core competencies, including publications, society leadership, professional recognitions, etc.

Knowledge, Skills, and Abilities:

Demonstrated ability to generate and articulate scientific and technical priorities across a breadth of disciplines.

This role requires not only knowledge in relevant disciplines, but also a commitment to high standards, a considerable breadth of interest and receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity.

Conditions of Employment:

- Ability to acquire a Top Secret/ SCI Clearance and onsite presence, as required.

Preferences:

- 5 years of supervisory experience.

- Holds Top Secret/SCI Clearance.

- Understanding of government research and engineering processes and project life-cycle requirements for DoD programs.

- Demonstrated ability to lead cross-functional teams consisting of scientific/technical and programmatic personnel.

- Demonstrated ability to manage personnel allocations, and budgeting as it affects professional development and overhead costs.

- Demonstrated history of providing insight, advice, and scientific/technical guidance on programmatic and engineering strategies and project execution requirements for government customers.

TO APPLY VISIT: *https://ejobs.umd.edu/postings/107089*

UNLV

Assistant Professor of Cybersecurity
Computer Science Department
Howard R Hughes College of Engineering

The University of Nevada, Las Vegas invites applications for Assistant Professor of Cybersecurity, Computer Science Department, Howard R Hughes College of Engineering [R0133071].

ROLE of the POSITION
The Department of Computer Science (CS) at the University of Nevada, Las Vegas (UNLV) invites applications for a full time, tenure-track, Assistant Professor of Cybersecurity commencing Fall 2023. The areas include but not limited to application security, cloud security, digital forensics, web security, identity and access management, and AI/ML-based methods. CS department is home to the UNLV's National Center of Academic Excellence in Cyber Defense (CAE - CD) designated by National Security Agency (NSA). Applicants must demonstrate superior research and scholarship potential as well as excellent teaching ability. The successful candidate will be expected to develop and maintain extramurally funded research projects, provide outstanding teaching at the undergraduate and graduate levels, mentor graduate students, contribute to professional and university services, and participate broadly in the computer science curriculum.

PROFILE of the DEPARTMENT/COLLEGE
The Department of Computer Science is one of the fastest growing departments at UNLV. Comprising just under half of the Howard R. Hughes College of Engineering total enrollment, the department's focus is on providing a well-rounded education with a solid basis in the fundamentals of computer science. Our students and alumni are well-represented in the field, with many taking on employment locally and nationally.

MINIMUM QUALIFICATIONS
This position requires a PhD in Computer Science from an accredited college or university as recognized by the United States Department of Education and/or the Council on Higher Education Accreditation (CHEA). All But Dissertation Status (ABDs) may be considered but credentials must be obtained prior to the start of employment.

The successful candidate will have a strong research program in Cybersecurity, as evidenced by publications in premier journals and conferences and/or a successful history of receiving/submitting grants.

For more information, please visit **https://www.unlv.edu/jobs**

For assistance with the application process, please contact UNLV Human Resources at (702) 895-3504 or **unlvjobs@unlv.edu**

EEO/AA/Vet/Disability Employer

Assistant Professor of Computer Science
(in the areas of computer graphics, augmented reality, image processing, or closely related areas)

The University of Nevada, Las Vegas invites applications for Assistant Professor of Computer Science (in the areas of computer graphics, augmented reality, image processing, or closely related areas), College of Engineering [R0130632].

ROLE of the POSITION
The Department of Computer Science at the University of Nevada, Las Vegas (UNLV) invites applications for a full time Tenure-Track Assistant Professor position commencing Fall 2023 in the areas of computer graphics, augmented reality, image processing, or closely related areas.

PROFILE of the DEPARTMENT
The Department of Computer Science is one of the fastest growing departments at UNLV. Comprising just under half of the Howard R. Hughes College of Engineering total enrollment, the department's focus is on providing a well-rounded education with a solid basis in the fundamentals of computer science. Our students and alumni are well-represented in the field, with many taking on employment locally and nationally.

MINIMUM QUALIFICATIONS
This position requires a PhD in Computer Science from an accredited college or university as recognized by the United States Department of Education and/or the Council on Higher Education Accreditation (CHEA). This is a tenure-track position and will require demonstrated potential for (i) quality research, (ii) supervising doctoral students, (iii) attracting funded research, and (iv) excellent teaching. In addition, the position requires participation in advising, courses development, and projects/lab supervision. Preference will be given to candidates with research expertise in computer graphics, augmented reality, image processing, or closely related areas. Credentials must be obtained prior to the start date.

PREFERRED QUALIFICATIONS
Conduct research and mentor students in computer graphics, image processing, augmented reality, and closely related areas.

For more information, please visit **https://www.unlv.edu/jobs**

For assistance with the application process, please contact UNLV Human Resources at (702) 895-3504 or **unlvjobs@unlv.edu**

EEO/AA/Vet/Disability Employer

research. Salary and startup package will be determined by the candidate's qualifications and experience, but they will be competitive, particularly for those applying for the associate professor rank. The Department places a high value on diversity and welcomes candidates who can foster an inclusive environment for all students. We strongly encourage eligible women and minority candidates to submit their applications.

More information at
http://www.cse.unr.edu/R0136112

University of New Orleans

One Postdoctoral Research Position

The Canizaro Livingston Gulf States Center for Environmental Informatics (GulfSCEI) at the Computer Science department of the University of New Orleans has one postdoctoral position open in machine learning, digital twins, cloud computing and environmental informatics. These research positions will primarily focus on a new GulfSCEI project aimed at AI Automation to detect Flood Deficiencies in Flood Water Control Structures. Selected candidates are expected to participate in the design, plan, coordination, and implementation of tasks in support of the project. The position's start date is in May 2023 or sooner.

See further details and apply at:

https://ulsuno.wd1.myworkdayjobs.com/en-US/UniversityOfNewOrleans/details/Postdoctoral-Research-Associate---POA_R-000877-1?locations=2c405185165b01919372af8fb40251d2

University of Nevada, Reno

Assistant or Associate Professor in AI/ML/Data Science

Come join an energetic department at an up and coming university in an amazing location. The Department of Computer Science and Engineering at the University of Nevada, Reno (R1 university) invites applicants for a tenure-track faculty position at the Assistant or Associate Professor level, expected to begin in Fall 2023 or beyond. Preference will be given to candidates who have demonstrated a strong publication record and/or a record of obtaining external funding for their

University of North Texas

Postdoctoral Research Associate: Computer Science & Engineering

The Computer Science and Engineering Department at the University of North Texas have an immediate opening for multiple postdoctoral fellows. The positions will be part of a multi-disciplinary team participating in a funded research program. The general areas of interests are: machine learning, deep learning, spatial intelligence, mobile computing, mobility simulation, and multi-agent robotic coordination The initial appointment is one year with the possibility of renewal based on performance.

The successful candidates will have the opportunity to supervise graduate-level research assistants, collaborate with fellow scholars including a team of postdocs, and promote the accomplishments through publications, presentations, and other public events.

For full consideration, apply by 05/30/2023 Review of applications will begin 05/15/2023 and continue until the position is filled.

Click the following *link* for details and apply: UNT CSE Postdoc

For more information about these opportunities contact Yan Huang (*Yan. Huang@unt.edu*).

University of Notre Dame

Assistant Professor of the Practice: Video Game Development

The Department of Computer Science and Engineering at the University of Notre Dame invites applications for a non-tenured instructor of Video Game Development at the Assistant Professor of the Practice rank. The department is especially interested in candidates who are well-versed in technical game development and have a specialization in programming video game engines or graphics, optimizing software performance, and building complex and scalable applications.

The primary responsibility for this position is to develop and teach a new two course video game development sequence, focusing on the technical aspects of developing video games across a variety of platforms (PC, mobile, console, AR/VR, etc.). Additionally, this position will also have the opportunity to develop complementary electives in the areas of computer graphics, software optimization, scalable or high performance applications, and other topics related to video game development.

The Department of Computer Science and Engineering offers Ph.D., MS, and undergraduate degrees. Professors of Practice are expected to excel in classroom teaching related to their area of specialization, engage in development of students outside the classroom, such as advising student clubs, providing individual mentoring, and serve the profession and the University. More

information about the Department can be found at *https://cse.nd.edu/*.

Candidates should have at least a Master's degree in Computer Science or related field, or have at least 3 years of experience designing and developing video games. To apply for this position, applicants must submit a cover letter, a curriculum vitae, a teaching statement, a portfolio of creative work, a statement that summarizes their planned contributions to diversity, equity, and inclusion, and contact information for three professional references.

Applications must be received by April 30, 2023, to guarantee full consideration; however, the review of applications will continue until the position is filled.

The University is an Equal Opportunity and Affirmative Action employer; we strongly encourage applications from women, minorities, veterans, individuals with a disability and those candidates attracted to a university with a Catholic identity.

Apply Here: *https://apply.interfolio. com/123398*

University of Texas at Dallas

Assistant Professor of Instruction - Computer Science

Position Description

The *Department of Computer Science* in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites

applications for multiple (3) non-tenure track faculty positions in Computer Science at the rank of Assistant Professor of Instruction. Applicants from all areas of computer science are sought. Applicants from emerging and interdisciplinary computing areas, including computer science, software engineering, computer engineering are strongly encouraged to apply. Teaching responsibilities will include undergraduate and graduate level courses in the core curriculum and in the candidate's specialization area.

Qualifications

Candidates must have a master's degree in Computer Science, Software Engineering, or equivalent and demonstrate their commitment to excellence in teaching, which includes a strong commitment to principles of diversity, equity, and inclusion. All candidates are expected to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals of diverse backgrounds, skills, and perspectives. The appointment commences in the Fall semester of 2023. A master's degree is required prior to joining; those with ABD status will be considered at the application/interviewing stage.

The Department/School

The Department of Computer Science at UT Dallas is one of the largest in the country, with more than 5,700 students, and offers B.S., M.S., and Ph.D. degrees in both Computer Science and Software Engineering. It also offers degrees in Data Science, Computer Engineering, and Telecom Engineering that are jointly administered with other departments. According to US News and World Report, it is ranked 3rd in Texas in its field among public universities. The department is home to more than 4,400 undergraduate students, 1,300 graduate students, and 50 tenure track faculty. Our faculty include 17 NSF CAREER awardees, and multiple DoD Young Investigator Program awards. The department is primarily housed in a 150,000 square feet facility and has excellent computing equipment and support. It houses a few centers and institutes, particularly in areas of cyber security, human language technology, AI, machine learning, and software technologies for improved human performance.

Application Instructions

Applicants should follow the instructions found here:

https://jobs.utdallas.edu/postings/23097

Equal Employment Opportunity/ Affirmative Action

The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful and inclusive of all members of the university community. The University prohibits unlawful discrimination against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.

The University of Texas at Dallas is an equal opportunity/affirmative action university.

Wake Forest University

Visiting Assistant Professor

The Department of Computer Science at Wake Forest University invites applications for a one-year visiting faculty position to begin in July 2023. We are seeking candidates with strong interest in engaged undergraduate teaching.

Completion of a PhD in Computer Science or a closely related field prior to or within 6 months of the date of hire is preferred, although candidates with an MS in Computer Science or a related field may be considered. The teaching load is three courses per semester, with the primary responsibility of the post being teaching of introductory and core courses.

For detailed information about the position and application process, visit: *https://go.wfu.edu/csvap23*

Wellesley College

Instructor in Computer Science Laboratory

The Computer Science Department at Wellesley College invites applications for a full-time Instructor in Computer Science Laboratory, starting in the Fall of 2023. Responsibilities include preparing and teaching laboratory or lecture sections in introductory and intermediate computer science courses, as well as coordinating student tutors and learning support for these courses. The position provides opportunities for curriculum development, exploration of new pedagogy, as well as student advising and mentorship. Applicants should have a broad background in Computer Science and strong teaching

and interpersonal skills. Ideal candidates will have at least a Master's degree in Computer Science or a related field.

Information about the department can be found at *https://www.wellesley.edu/cs*. Applicants should submit a cover letter, curriculum vitae, and statement about teaching interests and experience, at *https://www.wellesley.edu/hr/jobseekers*. We encourage candidates to include in their teaching statements past experiences, activities, and future plans that advance diversity, equity, and inclusion in computing, and to comment on their experiences with mentoring underrepresented students. The names/email addresses of three references are requested. (The online application system will request names/email addresses so that recommenders or dossier services may submit the letters directly.)

Applications will be reviewed starting February 20, 2023. If there are difficulties submitting online, please contact *working@wellesley.edu* for assistance. Questions about the position should be directed to the incoming department chair, Prof. Orit Shaer at *oshaer@wellesley.edu*.

Wellesley College is an Affirmative Action/Equal Opportunity Employer committed to Inclusive Excellence, and we encourage persons of all genders, persons of color, and persons with disabilities to apply. The College is committed to enriching its educational experience and its culture through the diversity of its faculty, administration, and staff.

All employees hired after August 2, 2021, are required to upload proof of vaccination and booster against COVID19, subject to approved medical or religious exemptions or disability accommodations.

Direct link to the application: *https://wd1.myworkdaysite.com/recruiting/wellesley/wellesley-faculty/job/Wellesley-College/Instructor-in-Computer-Science-Laboratory_R0002258*

Whitman College

Visiting Professor, Associate, Assistant or Instructor of Computer Science

The Computer Science Department at Whitman College is seeking candidates for a one-year position beginning August 2023 at the rank of visiting professor, visiting assistant professor, or visiting instructor as appropriate to the candidate's qualifications. M.S. and teaching experience in Computer Science or a related discipline is required, Ph.D. strongly preferred.

The successful candidate will teach multiple sections of Discrete Mathematics, Introductory Programming in Python, or Data Structures in C++ or Java, plus at least one further Computer Science course at an intermediate or advanced level. The teaching load is five course sections per year; our largest sections include about 30 students.

Whitman College is committed to cultivating a diverse learning community. Applicants should be able to demonstrate their commitment to diversity, equity, and inclusion and articulate how their classroom and scholarly practices work to advance antiracism in the learning environment. This statement can be included in the cover letter or the teaching statement. In their cover letter, candidates should address their interest in working at a liberal arts college with undergraduates, majors as well as non-majors, at all levels of instruction.

To apply, go to *http://apply.interfolio.com/124002*. The online application will prompt you to upload all of the required materials: a letter of application; curriculum vitae; statement of teaching philosophy; and evidence of demonstrated or potential excellence in undergraduate instruction. The committee will solicit three letters of recommendation from applicants who reach the interview stage.

Review of applications will begin on May 8, 2023 and continue until the position is filled.

Salary Range: $68,000-$85,000, commensurate with education and experience.

Whitman College offers a competitive benefits package that is designed to attract qualified candidates and retain talented employees. Full-time employees enjoy the following benefits: Medical/Dental/Vision Insurances; basic life, accidental death and dismemberment and long term disability insurances with the capability to elect additional voluntary coverage; 403(b) Defined Contribution Retirement Plan with a 10% matching contribution after eligibility requirements are met; employee tuition waiver for one Whitman course per semester; and an Employee Assistance Program. New faculty receive reimbursement for moving expenses based on the distance of relocation and are compensated $1,500 for attending a required New Faculty Orientation.