

Tenured/Tenure-Track/Career-Track Faculty, Computer
Science & Engineering
University of Arizona

Direct Link: <https://www.AcademicKeys.com/r?job=249220>

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Posted Nov. 19, 2024, set to expire May 21, 2025

Job Title	Tenured/Tenure-Track/Career-Track Faculty, Computer Science & Engineering
Department	Electrical and Computer Engineering https://ece.engineering.arizona.edu/
Institution	University of Arizona Tucson, Arizona
Date Posted	Nov. 19, 2024
Application Deadline	Open until filled
Position Start Date	Fall 2025
Job Categories	Prof of Practice/Clinical Prof Assistant Professor Associate Professor
Academic Field(s)	Computer Engineering Computer Science
Job Website	https://ece.engineering.arizona.edu/faculty-staff/open-positions
Apply Online Here	https://ece.engineering.arizona.edu/faculty-staff/open-positions
Apply By Email	
Job Description	

The Department of Electrical and Computer Engineering (ECE) at the University of Arizona (UA) invites candidates to apply for multiple faculty positions across all areas of Computer Science and

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Engineering (CSE) for a start date of Fall 2025. The ECE Department has a comprehensive BS program, a combined 5-year BS-MS program, as well as MS and PhD programs. UA is ranked among the National Science Foundation's top 20 percent for research funding and is a designated space grant institution with deep NASA funding and strong physical sciences. With annual expenditures exceeding \$7.6M, ECE faculty are at the forefront of pioneering research leading six sponsored research centers and 14 operational startup companies. The ECE Department is ranked in the top 20 percent of public universities in the nation and is in a rapid expansion phase. As a key driver for this expansion in 2023, a new CSE program was launched and the department is engaged in an ambitious, multi-year hiring effort spanning 5 years.

The ECE Department seeks to attract, develop, and retain excellent faculty members with outstanding research credentials and future promise. The department is especially interested in candidates who will contribute to the growth of the CSE program, diversity and excellence of the University's academic community through their research, teaching, and service. We are particularly seeking faculty passionate about working with students and training the next generation of researchers. We are particularly looking to fill multiple positions in the following areas:

- Programming languages, compilers and runtime systems: Areas of interest include, software for AI/ML systems and next-generation hardware, parallel programming models for heterogenous systems, and reliability and robustness of software.
- Foundations of Intelligent Systems: Areas of interest include machine learning, AI, natural language processing, computer vision, algorithms and complexity, theory, robotics, intelligent decision making, data science, optimization, fairness, trustworthiness, and applications to engineering and scientific disciplines.
- Computing Systems: Areas of interest include all layers of the systems and the architecture stack, IoT/edge computing systems, embedded systems, heterogeneous computing systems as well as emerging areas such as AI accelerators, hardware-software codesign.
- Secure, Resilient and Trustworthy Systems: All areas of computer security will be considered, including software security, systems and hardware security, privacy, network security, next generation wireless systems and applied cryptography.

Application review will begin in December 2024.

For more information and to apply, visit <https://ece.engineering.arizona.edu/faculty-staff/open-positions>

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At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As a Hispanic-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Dr. Ali Akoglu
Electrical and Computer Engineering
University of Arizona
Tucson, AZ

Contact E-mail akoglu@arizona.edu