Department: Electrical and Computer Engineering

Faculty Hire Number: 25-16

Rank: Assistant Professor, Tenure Track

Effective Date of Appointment: August 20, 2025 (Subject to Budgetary Approval)

Salary Scale: $105,000 to $115,000 (Dependent upon qualifications)

CSUN's Commitment to You:
CSUN is committed to achieving excellence through teaching, scholarship, learning and inclusion. Our values include a respect for all people, building partnerships with the community and the encouragement of innovation, experimentation, and creativity. CSUN strives to cultivate a community in which a diverse population can learn and work in an atmosphere of civility and respect. CSUN is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence for all members of the university community.

As a Hispanic-serving Institution (HSI), inclusiveness and diversity are integral to CSUN's commitment to excellence in teaching, research, and engagement. As of Fall 2023, CSUN enrolls ~36,000 students, where 55.7% are Latinx, 19.7% are White, 8.9% are Asian-American, 5.0% are Black/African American, 0.1% are Native American, and 0.1% are Native Hawaiian or Pacific Islander.

For more information about the University, visit: http://www.csun.edu

About the College:
The College of Engineering and Computer Science seeks to be a recognized center for excellence for baccalaureate and masters level education in computer science and in engineering. The College provides a quality education for its students. It is also a partner in the professional communities of computer science and engineering and provides an essential link between students' education and professional practice.

For more information about the College of Engineering and Computer Science, see:
https://w2.csun.edu/engineering-computer-science/college

About the Department:
The mission of the Electrical and Computer Engineering Department is to prepare students for rewarding careers and higher education. The department offers Bachelor of Science Degrees in Electrical Engineering (EE) and Computer Engineering (CE) and Master of Science Degrees in Electrical Engineering and Computer Engineering. Currently, there are approximately 495 undergraduate majors in EE, 433 undergraduate majors in CE, and 206 graduate students. Master degree students are required to complete a thesis or project.

For more information about the Department of Electrical and Computer Engineering, see:
https://w2.csun.edu/engineering-computer-science/electrical-computer-engineering

Position:
The department of Electrical and Computer Engineering at California State University, Northridge (CSUN) is seeking a tenure-track faculty member in the area of Computer Engineering/Digital System Design at the rank of Assistant Professor.

The successful candidate will teach a variety of fundamental undergraduate and graduate courses and labs in the Electrical and Computer Engineering and have research interests in Computer Engineering and Digital System Design.

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

Required Qualifications:
- Ph.D. in Computer Engineering, Electrical Engineering, or a field of study specializing in digital system design, hardware/software interface, Internet of Things (IoT), embedded systems, or cyber-physical systems. The successful candidate must possess diplomas from accredited institutions. All But Dissertation (ABD) candidates will be considered but must complete the doctoral degree by August 20, 2025
- Taught at least one Electrical engineering or Computer engineering class (either in-person or online) at the College/University level, either as an instructor of record or as a teaching assistant
- Published at least three peer-reviewed conference papers or journal articles in areas related to Computer Engineering within the last three years

Preferred Qualifications:
- Evidence of effective engagement or potential to engage with a diverse student body
- Experience using culturally responsive pedagogy that leads to equitable outcomes for all students
- Experience creating a student-centered learning environment
- Research/Lab experience that includes working with students from diverse backgrounds
- Experience adopting inclusive approaches to mentoring
- Demonstrated experience in teaching fundamental Computer Engineering courses such as digital system design, computer architecture, and microprocessor systems
- Demonstrated experience in teaching advanced Computer Engineering courses such as robotics, embedded systems, cyber-physical systems, and hardware implementation of machine learning or artificial intelligence
- Evidence of scholarly contribution to Computer Engineering
- Evidence of ability to advance research in Computer Engineering
- Experience in grant proposal preparation
- Industry experience in the area of specialization described in the required qualifications

Application Deadline:
Preferred application deadline is **October 21, 2024** and applications received after this date may be considered on an as needed basis. However, the position will remain open until filled.

Please contact the department at ece@csun.edu or (818) 677-2190 for any questions about this position. The department mailing address is: Department of Electrical and Computer Engineering, 18111 Nordhoff Street, Northridge, CA 91330.

How to Apply:
Candidates should apply by completing the CSUN online application. To apply and for more detailed information on the application and hiring process, please visit this link: www.csun.edu/careers

Applicants must submit a letter of application addressing the required and preferred qualifications (inclusive of applicant's experience working with a culturally diverse population), a curriculum vitae, a teaching statement, a research statement to the website in the section above. In later stages of the search process, applicants may be requested to provide additional materials, including letters of recommendation, professional work samples, verification of terminal degrees, licenses and certificates.

At time of appointment, the successful candidate, if not a U.S. citizen, must have authorization from the United States Citizenship and Immigration Services (USCIS) to work in the United States.

General Information:
In compliance with the Annual Security Report & Fire Safety Report of Campus Security Policy and Campus Crime Statistics Act, California State University, Northridge has made crime-reporting statistics available on-line here. Print copies are available by request from the Department of Police Services, the Office for Faculty Affairs, and the Office of Equity and Diversity.

The person holding this position may be considered a 'mandated reporter' under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

In accordance with the California State University (CSU) Out-of-State Employment Policy, the CSU is a state entity whose business operations reside within the State of California and prohibits hiring employees to perform CSU-related work outside of California.

CSUN is an Equal Opportunity Employer and prohibits discrimination based on race, color, ethnicity, religion, national origin, age, gender, gender identity/expression, sexual orientation, genetic information, medical condition, marital status, veteran status, and disability. Our nondiscrimination policy is set forth in CSU Nondiscrimination Policy. Reasonable accommodations will be provided for applicants with disabilities who self-disclose by contacting HR at 818-677- 6510/3351. The department can be reached at ece@csun.edu or (818) 677-2190 for any questions about this position.