Department: Electrical and Computer Engineering

Faculty Hire Number: #23-24

Effective Date of Appointment: August 23, 2023 (Subject to Budgetary Approval)

Rank: Assistant Professor, Tenure Track

Salary: 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.

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://www.csun.edu/engineering-computer-science

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 and Computer Engineering and Master of Science Degrees in Electrical Engineering and Computer Engineering. Currently, there are approximately 365 undergraduate majors in EE, 335 undergraduate majors in CE, and 135 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://www.csun.edu/ece

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 Systems 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 Department; participate in applied research projects, contribute to scholarly activities, publish in technical journals, student advisement, curriculum development, and assessment;

serve on faculty committees and provide technical leadership to the department. Successful candidates should have excellent communication skills, a strong commitment to teaching excellence and student learning, applied research, and dedication to professional development and scholarship.

In addition to teaching, the position requires weekly office hours, attending faculty meetings, and service to the department, college, and university. The successful candidate 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.

Required Qualifications:

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 2020, CSUN enrolls ~40,000 students, where 56% are Latinx, 20.8% are White, 9.3% are Asian-American, 4.8% are Black/African American, 0.1% are Native American, and 0.1% are Native Hawaiian or Pacific Islander. The successful candidate will help the Department achieve equitable outcomes for all students through teaching, student mentorship, scholarship, and service.

- Ph.D. and B.S. in Computer Engineering, Electrical Engineering, or a closely related field with specialization in digital systems and hardware/software systems. All But Dissertation (ABD) candidates will be considered, but must complete the doctoral degree by August 23rd, 2023
- Taught at least one Computer or Electrical Engineering related course at the College/University level, either as instructor of record or teaching assistant, or demonstrate strong teaching potential in their teaching statement
- Published at least one paper in peer-reviewed conferences or journals within the last 3 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 and interactive learning environment
- Research/Lab and teaching experience that includes working with students from diverse backgrounds
- Experience adopting inclusive approaches to mentoring
- Demonstrated excellence in teaching courses in the areas of digital systems, computer architecture, microprocessor systems
- Demonstrated excellence in teaching courses in emerging fields such as robotics, embedded systems, and hardware implementation of machine learning or artificial intelligence
- Demonstrated ability to conduct research in the field of Computer Engineering in research statement
- Industrial experience
- Participation in grant proposal preparation either as PI or Co-PI

Application Deadline:

Screening of applications will begin **December 6, 2022.** Priority will be given to applicants who meet the screening deadline; however, the position will remain open until filled.

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 the following documents to the website in the section above:

- Letter of application addressing the required and preferred qualifications, and your experience working with a culturally diverse population
- Curriculum vitae, teaching statement, and research statement

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.

As a condition of employment, all employees need to certify vaccination status by attesting they are fully vaccinated, need a medical exemption, need a religious exemption, or are not working on campus. You can obtain more information about or access the full vaccination policy here.

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 Executive Order 1096. Reasonable accommodations will be provided for applicants with disabilities who self-disclose by contacting office of Electrical and Computer Engineering at 818-677-2190.