

Job Ad

Tenure Track Position in Computer Engineering

The School of Engineering at San Francisco State University invites applicants for a tenure-track Assistant Professor position in Computer Engineering, beginning August 2022. The School seeks individuals with a background in Computer Engineering or a closely related field. We are especially interested in qualified candidates who can contribute through their research, teaching, and/or service, to the diversity, equity, inclusion, and excellence of the academic community.

Qualifications:

Required:

- Ph.D. or equivalent degree in Computer Engineering or a closely related field. Terminal degree must be completed by the first day of employment.
- Record of working and communicating effectively with colleagues and students

Preferred:

- Research specialty in the areas that include but are not limited to: computer architecture, including energy efficient and/or high-performance computing systems; embedded systems; VLSI circuits and systems; reconfigurable computing; real-time operating systems (RTOS), including RTOS for robotics, automation; hardware and software for artificial intelligence and machine learning; and Internet-of-Things (IoT), including cyber-physical systems, IoT security and threat detection, and IoT for health, economic, and social equities; broad spectrum of computer hardware or software from system to physical layer. Strong candidates will be seriously considered regardless of area of specialization.
- Active record of scholarship related to their specialty area and evidence of external support or the potential for external funding of these activities.
- A background or potential to excel in teaching a diverse student body.
- Experience of or potential to excel in teaching and mentoring first-generation students, students of color, LGBTQ students, and/or other underrepresented students.
- Commitment to developing curriculum for diverse audiences using culturally responsive curriculum that reaches all students.
- Commitment to inclusion, diversity, and educational equity in the discipline.

Responsibilities: The position requires graduate and undergraduate teaching in Computer Engineering, mentoring and advising graduate and undergraduate students, curriculum and laboratory development, establishing an active research program in the area of expertise, and contributing to committee and service assignments within the School of Engineering, the College of Science & Engineering, and the University. A detailed position description is available in the link above.

About the School of Engineering: The School of Engineering (<https://engineering.sfsu.edu>) at San Francisco State University is the only four-year Engineering school in the City of San Francisco and has been a talent reservoir that serves a myriad of industries in the San Francisco Bay Area, in particular Silicon Valley, and throughout California. We pride ourselves in offering four ABET-accredited undergraduate engineering programs: civil engineering, computer engineering, electrical engineering, and mechanical engineering, as well as three master's programs in civil engineering, electrical and computer engineering, and mechanical engineering. In addition, we have established four accelerated BS/MS programs, or SF State Scholars Programs, where students can complete their BS and MS degrees

Department/School Name: School of Engineering

Area of Specialization: Computer Engineering

Rank of Appointment: Assistant Professor, tenure track position

in about 5 years. Together, these programs serve a highly diverse student body of 1,400 undergraduates and 80 graduate students, of which 38% are underrepresented minority and 18% female students. The School of Engineering currently has 22 tenured/tenure-track faculty and more than 30 lecturer faculty. Among them are recipients of distinguished teaching awards, NSF and NIH grants, Department of Energy grants, Air Force Research Laboratory grants, California State University Faculty Innovation and Leadership Award, American Chemical Society PRF grant; as well as Google Faculty-in-Residence, technology entrepreneurs, senior technical and management staff at local high-tech companies, and senior members of local government agencies. As we look forward to a bright future in the School of Engineering, a new \$150M, state-of-the-art building (<https://cpdc.sfsu.edu/science>) with construction currently on its way and will be the new home of the School of Engineering with modernized engineering research and teaching labs beginning 2024.

About San Francisco State University: San Francisco State University is located in San Francisco - one of the world's most vibrant, beautiful, and diverse cities. San Francisco is a world's flagship hub for technology, innovation, and entrepreneurship, as well as a thriving center for arts and culture. San Francisco State University is designated as a Hispanic-Serving Institution (HSI) and an Asian-American and Native American Pacific Islander-Serving Institution (AANAPISI). The University and the School of Engineering are fostering a culture of inclusive excellence, where all identities and differences are embraced, valued, and supported. We especially encourage applications from members of underrepresented racial and ethnic groups, women, veterans, members of LGBTQ groups, and people with disabilities.

San Francisco State University is a member of the California State University (CSU) system and serves a diverse student body of 30,000 undergraduate and graduate students. The mission of San Francisco State University is to create and maintain an environment for learning that promotes respect for and appreciation of scholarship, freedom, human diversity, and the cultural mosaic of the City of San Francisco and the Bay Area; to promote excellence in instruction and intellectual accomplishment; and to provide broadly accessible higher education for residents of the region and state, as well as the nation and world. To fulfill its mission, the University is committed to the following goals:

- Attracting, retaining and graduating a highly diverse student body
- Providing an education that is academically rigorous and intellectually challenging
- Providing disciplinary and interdisciplinary liberal arts and professional education that is academically rigorous and intellectually challenging
- Employing a staff and administration reflecting the diversity of our student community and the values of the campus
- Providing curricula that reflect all dimensions of human diversity, and that encourage critical thinking and a commitment to social justice
- Recruiting, retaining and supporting a diverse faculty whose teaching demonstrates an active engagement with their individual fields of study and whose creative and scholarly work is an extension of the classroom, laboratory or studio
- Fostering a collegial and cooperative intellectual environment that includes recognition and appreciation of differing viewpoints and promotes academic freedom within the University community; and
- Serving the communities with which its students and faculty are engaged.

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Rank and salary: Assistant Professor is a tenure-track position. Salary is commensurate with qualifications, experience, accomplishment, and research leadership (potential or actual). The CSU provides generous health, retirement and other benefits.

Application Procedure:

A complete online application must be submitted to receive consideration. To apply, please go to <https://careers.pageuppeople.com/873/sf/en-us/job/504823/assistant-professor-engineering-computer> to begin the application process and upload the following materials:

1. Cover letter (relating your experience to the required qualifications)
2. Curriculum vitae
3. A statement of research interests
4. A statement of teaching philosophy
5. A diversity statement that is no more than 500 words that provides an understanding of your capabilities to address diversity in support of the University's diverse student and community populations. Please discuss how you have addressed diversity in your teaching, research, and service.
6. Names and contact information of no fewer than three references.

Letters of recommendation upon request at a later date.

Review of applications will begin on November 15, 2021 and will continue until the position is filled. Questions may be addressed to Marsha Harris (mch7@sfsu.edu, 415-338-7675), Academic Office Coordinator, School of Engineering, San Francisco State University.

San Francisco State is an Equal Opportunity/ Affirmative Action Employer and does not discriminate against persons on the basis of race, religion, color, ancestry, age, disability, genetic information, gender, gender identity, gender expression, marital status, medical condition, National origin, sex, sexual orientation, covered veteran status, or any other protected status. We especially welcome applications from members of underrepresented racial and ethnic groups, women, veterans, members of LGBTQ groups, and people with disabilities. Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose by contacting the Senior Human Resources Manager, Marianne Papa (mmango@sfsu.edu, 415-405-3703).

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.