San José State University
San José, California
ANNOUNCEMENT OF POSITION AVAILABILITY
Subject to Budgetary Approval

Electrical Engineering Specialization: Networking

Job Opening ID (JOID): 23853

Rank: Assistant Professor (Tenure-track) – Two positions

Qualifications:
Ph.D. or equivalent degree in Electrical Engineering or related area by start of appointment. Background and research experience in computer networks and communications at the hardware and protocol levels is required. Preferred areas of specialty include network security, mobile networks, wireless and sensor networks, multimedia networks, and network design and analysis. Applicants with experience in modern applications such as voice-and-video over wireless, digital television, and hardware implementation such as embedded systems, FPGA and ASIC implementation of codes, ultra-low energy wireless sensors, communication system and circuit co-design are preferred. Applicants must have good oral and written communication skills. Applicants should demonstrate awareness of and sensitivity to educational goals of a multicultural population as might have been gained in cross-cultural study, training, teaching and other comparable experience.

Responsibilities:
The selected candidate will teach undergraduate and graduate Electrical Engineering courses and provide leadership in updating and developing a modern curriculum in networking and communications emphasizing applications, design and software/hardware implementations. Conduct and guide original research in related areas. Develop laboratories to support teaching and research efforts. Seek external partnerships and collaboration with Silicon Valley and beyond. Work collaboratively with other faculty to integrate the networking area with other related areas such as computer architecture, mixed signals, DSP, ASIC, SoC, and embedded system. Candidate must address the needs of a student population of great diversity – in age, cultural background, ethnicity, primary language, and academic preparation – through course materials, teaching strategies, and advisement.

Salary Range: Commensurate with qualifications and experience.

Starting Date: August 21, 2017

Eligibility: Employment is contingent upon proof of eligibility to work in the United States.
Application Procedure: For full consideration, send a letter of application, curriculum vitae, statement of teaching interests/philosophy, research plans, and at least three original letters of reference with contact information by January 9, 2017 to apply.interfolio.com/38355. Please include Job Opening ID (JOID) on all correspondence.

San José State University is California’s oldest institution of public higher learning. The campus is located on the southern end of San Francisco Bay in downtown San José (Pop. 1,000,000), hub of the world-famous Silicon Valley high-technology research and development center. Many of California’s most popular national, recreational, and cultural attractions are conveniently close. A member of the 23-campus CSU system, San José State University enrolls approximately 30,000 students, a significant percentage of whom are members of minority groups. The University is committed to increasing the diversity of its faculty so our disciplines, students and the community can benefit from multiple ethnic and gender perspectives.

San José State University is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, color, religion, national origin, age, gender, gender identity/expression, sexual orientation, genetic information, medical condition, marital status, veteran status, or disability. This policy applies to all San José State University students, faculty, and staff as well as University programs and activities. Reasonable accommodations are made for applicants with disabilities who self-disclose. Note that all San José State University employees are considered mandated reporters under the California Child Abuse and Neglect Reporting Act and are 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.

The latest San José State University Safety 101 Uniform Campus Crime and Security Report is available. You may request a copy of San José State University’s annual safety report by contacting the University Police Department at (408) 924-2222 or by visiting the University Police Department website at (http://www.sjsu.edu/police.)