



CSU Bakersfield

School of Natural Sciences, Mathematics, & Engineering

Position #: 19/20 NSME 01

School Information:

The School of Natural Sciences, Mathematics, and Engineering (NSME) currently houses seven departments. Visit the web page at <http://www.csub.edu/nsme> for additional information about the School's programs and the area.

Department Information:

The Department of Computer and Electrical Engineering and Computer Science (CEE/CS) offers three bachelors of science degree programs: computer science, computer engineering, and electrical engineering. The computer science degree program offers tracks in traditional computer science, computer information systems, and information security. The department currently has over 550 majors and enrollments are increasing in all three programs.

Facilities: The department maintains six research laboratories (networks and cyber security, machine learning and computer vision, circuits and architecture, digital signal processing and digital communications, robotics and control systems, power systems and electrical machinery), an advanced workstation laboratory, several PC-based laboratories for general instruction, a tutoring center, and a dedicated server room. In addition to our main building, two modular buildings provide laboratory space shared between CEE/CS and Physics and Engineering Sciences. This space includes CSUB's Fab Lab, based on the MIT-inspired model that has expanded globally via the Fab Foundation.

General Information:

California State University, Bakersfield, founded in 1970, is one of twenty-three campuses of the CSU System and currently has an enrollment of over 9,800 students. The University services a socially and ethnically diverse population of over 880,000 in an area of 10,000 square miles. The city of Bakersfield (population over 375,000) is located in the southern San Joaquin Valley and has a much lower cost of living than coastal California. Los Angeles, the Pacific Ocean, Mojave Desert, and Sierra Nevada Mountains are all within a two-hour drive from campus.

Position: Assistant or Associate Professor of Computer Science

Type: Tenure-Track

Academic Year: 2019/2020

Available: August 2019

Location: Department of Computer and Electrical Engineering and Computer Science
School of Natural Sciences, Mathematics, and Engineering
California State University, Bakersfield
9001 Stockdale Highway,
Bakersfield, CA 93311-1022

Contacts: Erika Moreno, Department Administrative Support Coordinator
Dr. Melissa Danforth, Department Chair
Phone: (661) 654-3082 | Email: ceecs_position@csub.edu

Application Deadline Date: Review begins on **November 13, 2018**. Priority will be given to applications received by this date. Position to remain open until filled.

Description: Applications are invited for a tenure-track position in Computer Science at the assistant or associate professor level, beginning August 2019.

Required Qualifications: Applicants must hold a B.S. degree, preferably in computer science or software engineering. Applicants must hold a Ph.D. degree, or be expected to complete a Ph.D. degree by August 2019, in computer science, software engineering, computer science and engineering, or in a closely related discipline with extensive background in computer science. Applicants must have experience in teaching, either as the instructor of record or as a teaching assistant.

Preferred Qualifications: Some familiarity with ABET in particular and with assessment in general is desirable. Priority will be given to applicants who have excellent academic credentials and a proven ability to teach courses and laboratory sessions effectively, maintaining strong student-faculty interaction.

Candidates from all areas within computer science will be considered. Preferred areas of specialization are operating systems, computer networking (including mobile systems, data center networking, large-scale networking, and cloud computing), programming languages, computer architecture (including energy-efficient architecture, memory technology, RISC design, and security), and distributed and parallel computation.

Duties: The successful candidate will be expected to teach computer science courses, conduct research, supervise students, advise students, and participate in appropriate levels of service to the department, school, university, and the profession.

Compensation: Commensurate with experience and qualifications. Research startup funds and release time for establishing a research program are generally available during the early years of the appointment.

Application: The application must include an application letter detailing the candidate's qualifications and experience relative to the position description, a statement of teaching philosophy, a research agenda, curriculum vitae, unofficial copies of undergraduate and graduate transcripts, and a list of at least three references. Candidates selected for interview will also need to provide three letters of recommendation.

Documents should be attached in PDF format and emailed directly to ceecs_position@csub.edu with the position reference number from above in the subject line. Private, personally identifiable information (PII), such as birth dates or social security numbers, should be redacted from the transcripts before emailing them.

Background Check: 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.

Mandated Reporter: The person holding this position is 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.

Clery Act: CSUB's annual crime report includes statistics for the previous three years concerning reported crimes that occurred on campus, in certain off-campus centers, such as our Antelope Valley Satellite Campus and on property within, or immediately adjacent to and accessible from CSUB. The report also includes policies concerning security on campus, such as alcohol and drug use, crime prevention, reporting crimes, sexual assault and other subjects. You can obtain a copy of the annual report by contacting the Department of Public Safety and University Police by calling their phone number: (661) 654-2111 or by logging on to their CSUB Department of Public Safety website at <https://www.csub.edu/compliance/Clery/index.html>