



# CSU Bakersfield

## School of Natural Sciences, Mathematics, & Engineering

Position #: 18/19 NSME 07

### **School Information:**

The School of Natural Sciences, Mathematics, and Engineering (NSME) currently houses seven departments. Visit the web page at <http://www.csu.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 (<https://www.cs.csu.edu/>) 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 500 majors and enrollments are increasing in all three programs.

**Facilities:** The department maintains six research laboratories (circuits and architecture, robotics and control systems, machine learning and computer vision, DSP and digital communications, power systems and electrical machinery, network and cyber security), 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 9,000 students. The University services a socially and ethnically diverse population of over 860,000 in an area of 10,000 square miles. The city of Bakersfield (population over 350,000) 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:** Lecturer in Computer Science

**Type:** Temporary, Full-Time Lecturer

**Academic Year:** 2018 / 2019

**Available:** August 2018

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

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**Application Deadline:** Review begins on **January 22, 2018**. Priority will be given to applications received by this date. Position to remain open until filled.

**Description:** Applications are invited for a one-year lecturer position in Computer Science, beginning in Fall 2018 semester. Renewal for an additional year may be available depending on evaluation of teaching performance and department needs.

**Qualifications:** Applicants must hold a M.S. degree or higher in computer science or in a closely related discipline with extensive background in computer science. A Ph.D. degree in these fields is preferred. The applicants are expected to have excellent academic credentials and a proven ability to teach courses and laboratory sessions effectively, maintaining strong student-faculty interaction.

The successful candidate will be expected to teach undergraduate courses in computer science, including core courses and elective courses. Specific areas of interest include computational theory, algorithms, operating systems, networking, distributed and parallel computation, software engineering, and computer architecture. Priority consideration will be given to applicants in these areas. However, outstanding candidates from other areas within the fields of computer science will also be considered.

**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.

**Application:** The application must include an application letter detailing the candidate's qualifications and experience relative to the position description, curriculum vitae, a statement of teaching philosophy, copies of undergraduate transcripts (and graduate transcripts if applicable), and three references. Documents should be attached in PDF format and emailed directly to [ceecs\\_position@csu.edu](mailto:ceecs_position@csu.edu) with the position description from above in the subject line.

**Compensation:** Commensurate with experience and qualifications.

**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. Additionally, a daily log of offenses is maintained and can be reviewed at the front desk of the Department of Public Safety. You can obtain a copy of the annual report by contacting the Department of Public Safety / University Police at their phone number (661) 654-2111 or by logging on to their department's website at the following webpage: <http://www.csu.edu/bas/police/report/index.html>

**California State University, Bakersfield is committed to Equal Opportunity. Applicants will be considered without regard to gender, race, age, color, religion, national origin, genetic information, sexual orientation, marital status, disability or covered veterans' status.**