DEPARTMENT OF COMPUTER AND ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

CSU BAKERSFIELD

Position: Assistant or Associate Professor of Computer Science   **Job#:** 24/25 NSME 05

Type: Tenure-Track   **Academic Year:** 2024-2025   **Available:** Fall 2024

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

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Deadline: Applications are due by December 14, 2023.

University Background: CSU Bakersfield, founded in 1970, is a regional, comprehensive university serving the southern San Joaquin Valley of California. CSU Bakersfield's service area covers nearly 25,000 square miles and is home to a socially and ethnically diverse student population. CSU Bakersfield is the only four-year degree granting institution within a 100-mile radius. Due to this, CSU Bakersfield has a vital role in educational obtainment, economic development, and quality of life within the region.

The accolades CSU Bakersfield has received include Third Way's #5 Most Economic Mobility Index (2022), Washington Monthly's #13 Best Bang for the Buck for Western Colleges and #26 Best Master's University (2022), Best Value Schools' #21 Most Affordable 4-Year Colleges (2022), and US News and World Report's #25 Top Public School in the West (2022).

CSU Bakersfield serves 9,000 undergraduate students and 700 graduate, credential, and post-baccalaureate students. 68% of CSU Bakersfield's students are Hispanic/Latino(a), 13% are Caucasian, 7% are Asian, 4% are African-American, 2% are multiracial, less than 1% are American Indian/Alaskan Native or Hawaiian/Pacific Islander. CSU Bakersfield is a federally designated Hispanic Serving Institution (HSI).

Commitment to Diversity: The Department of CEECS within the School of NSME at CSU Bakersfield is committed to academic and inclusive excellence and diversity within the faculty, staff, and student body.

School Information: The School of Natural Sciences, Mathematics, and Engineering (NSME) currently houses seven departments. With millions of dollars in federal grants and scholarships, state-of-the-art facilities, outstanding faculty, and brand-new degree programs, NSME truly is on the cutting edge of science and technology education to empower the Kern County economy. Visit https://www.csub.edu/nsme for additional information.

Department Information: The Department of Computer and Electrical Engineering and Computer Science (CEE/CS) is a student-centered department that prides itself on its strong undergraduate research programs, hands-on learning, and commitment to student success. CEE/CS offers three Bachelors of Science degrees: Computer Science, Computer Engineering, and Electrical Engineering. The department currently has over 600 undergraduate students and enrollments are increasing in all three programs.

The Computer Engineering (B.S.) program is accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/, under the General Criteria and the Program Criteria for Electrical, Computer, Communications, Telecommunication(s) and Similarly Named Engineering Programs.

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The Electrical Engineering (B.S.) program is accredited by the Engineering Accreditation Commission of ABET, https://www.abet.org/, under the General Criteria and the Program Criteria for Electrical, Computer, Communications, Telecommunication(s) and Similarly Named Engineering Programs.

Position Description: Applications are invited for a tenure-track position in Computer Science or Computer Engineering at the Assistant or Associate professor level, beginning August 2024.

Minimum Qualifications:

- The Ph.D. degree in Computer Science, Computer Engineering, or in a closely related engineering discipline. ABD candidates will be considered if they are expected to complete the Ph.D. before August 2024.
- Experience in teaching (e.g., full-time/part-time instructor, instructor-of-record, teaching assistant).
- Demonstrated commitment to teaching undergraduates from diverse socioeconomic, cultural, and academic backgrounds, including first-generation and non-traditional students.

Preferred Qualifications:

- A record of scholarship appropriate to the candidate's career level.
- An ability to teach courses and laboratory sessions effectively, maintain strong student-faculty interaction, and address the diverse needs of students with varying levels of academic preparedness.
- Some experience in teaching courses among the areas of Operating Systems, Computer Networks, Computer Architecture, or related courses.
- Candidates from all research areas will be considered. However, the department seeks individuals with research areas in systems: operating systems (including embedded, real-time and cloud systems), networks (protocols, security, privacy and distributed systems), and/or architecture.
- Experience in assessment and documentation to satisfy ABET accreditation.

Application:

The application must include:
- A cover letter of interest (no more than 2 pages)
- A teaching statement (no more than 2 pages)
- A diversity statement discussing plans to promote diversity, equity and inclusion (no more than 2 pages)
- A research agenda (no more than 2 pages)
- Curriculum vitae
- A list of at least three references with relevant contact information. Finalists are required to provide three letters of recommendation.

Documents should be attached in PDF format and emailed directly to ceecs_position@csub.edu. Personally identifiable information (PII), such as birth dates, social security numbers, foreign tax identification numbers, national identifiers, etc., should be redacted from the application materials before emailing them.

Duties: The successful candidate will be expected to teach CMPS and ECE courses at the undergraduate level, conduct research, mentor undergraduate and graduate research students, advise students, and participate in appropriate levels of service to the department, school, university, and the profession. Additionally, instructors in the CEECS dept. must provide course documentation and assessment to satisfy ABET requirements.

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Rank and Salary: Assistant or Associate Professor with salary based on experience and qualifications. Anticipated annual salary range is $88,000 - $110,000. Research startup funds and release time for establishing a research program are generally available during the early years of the appointment.

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. 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 (661) 654-2111 or by logging on to their website at: https://www.csub.edu/compliance/Clery.

EEO Statement: CSUB is committed to Equal Employment. Opportunity. Applicants will be considered without regard to gender, race, age, color, religion, national origin, sexual orientation, marital status, disability, or covered veterans' status.