Position: Tenure-track Professor of Computer Science/Engineering (Open Rank)

Type: Tenure-Track   **Academic Year:** 2025-2026   **Available:** Fall 2025

Location: Department of Computer & Electrical Engineering and Computer Science (CEE/CS)
College of Natural Sciences, Mathematics, and Engineering (NSME)
California State University, Bakersfield, Antelope Valley
43909 30th St W, Lancaster, CA 93536

Contact: Maria Chavez, Administrative Support Coordinator
Phone: (661) 654-3450
Email: ceecs_position@csub.edu

Deadline: Full consideration will be given to complete applications submitted by January 15, 2024. Applications submitted after the deadline may be reviewed at the discretion of the committee until the position is filled.

AV Campus Background: California State University, Bakersfield's (CSUB) Antelope Valley campus is located in Los Angeles County. It officially opened its 11,000-square-foot facility in January 1991. The campus offers a range of bachelor's and master's programs and collaborates with Antelope Valley College (AVC), where students to complete their lower-division coursework before transitioning to CSUB Antelope Valley for upper-division classes to finish their degrees.

In the Antelope Valley region, the aerospace industry plays a significant role, with major companies such as Lockheed Martin, Boeing, and Northrop Grumman operating in nearby Palmdale. Edwards Air Force Base and NASA's Armstrong Flight Research Center further enhance the region's reputation in aeronautical research and military testing. Additionally, the area has diversified its economy with large-scale solar energy projects like the Antelope Valley Solar Ranch, which generates substantial photovoltaic power. With abundant sunlight, the region is a key contributor to California's renewable energy goals, making it a prime location for solar energy development.

CSUB Antelope Valley serves 400 students and 150 graduate, credential, and post-baccalaureate students. It is 70 miles northeast of Los Angeles and 95 miles southeast from the CSUB campus in Bakersfield. Reflecting the diversity of the Antelope Valley region (49% Hispanic, 24% Caucasian, 20% African- American or Black, 4% bi-racial, and 3% Asian), CSUB AV serves upper division undergraduate, graduate, and credential students and is the only 4-year university in the Antelope Valley.

Bakersfield Campus 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 population of over 11,000 students. 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 #9 Most Economic Mobility Index (2023), Washington Monthly's #10 Best Bang for the Buck for Western Colleges and #11 Best Master's University (2023), and US News and World Report's #16 Top Public School in the West (2023).

CSU Bakersfield serves 9,800 undergraduate students and 1,400 graduate, credential, and post-baccalaureate students. 63.5% of CSU Bakersfield's students are Hispanic/Latinx, 21.5% are Caucasian, 7.1% are Asian, 4.9% are African-American, 2.3% are multiracial, 0.5% are American Indian/Alaskan Native, and 0.2% are Hawaiian/Pacific Islander. CSU Bakersfield is a federally designated Hispanic Serving Institution (HSI).

Commitment to Diversity: The Department of CEE/CS 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 College of Natural Sciences, Mathematics, and Engineering (NSME) currently houses eight 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) oversees operations for the BS Computer Science, Computer Engineering, and Electrical Engineering programs at both Bakersfield and Antelope Valley campuses. It is a student-centered department that prides itself on its strong undergraduate research programs, hands-on learning, and commitment to student success. The department currently has over 650 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.

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/Engineering at the Assistant Professor, Associate Professor, or Professor level, beginning August 2025.

Minimum Qualifications:

- Demonstrated commitment to teaching undergraduates from diverse socioeconomic, cultural, and academic backgrounds, including first-generation and non-traditional students.
- 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 18, 2025.
- Experience in teaching (e.g., full-time/part-time instructor, instructor-of-record, teaching assistant).

Rank and Salary:

- Open rank; rank and salary based on qualifications and experience. Anticipated annual salary range is $64,860 - $110,000. Research startup funds and release time for establishing a research program are generally available during the early years of the appointment.

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.
- Experience in assessment and leadership in program coordination.

Application:

The application must include:

- Please include a statement of contribution to diversity, equity and inclusion. The statement should include information on how the applicant currently or will potentially promote diversity, equity and inclusion through their teaching, research and service at CSU Bakersfield.
- A cover letter of interest (2 pages)
- A teaching statement (2 pages)
- A diversity statement discussing plans to promote diversity, equity and inclusion (2 pages)
- A research agenda (2 pages)
- Curriculum vitae
- A list of at least three references with relevant contact information. Finalists are required to provide three letters of recommendation, who may be contacted for a reference check.

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: This position is based at the Antelope Valley campus in Lancaster, CA. Teaching assignments and office space will be located on this campus. The successful candidate will be expected to teach computer science courses, a full list of the courses are available at: https://catalog.csub.edu/course-descriptions/cmps/.

The CEE/CS department is led by a Chair, Associate Chair, and Graduate Coordinator at the Bakersfield campus. While department leadership is based in Bakersfield, the successful candidate may have minimal responsibilities managing part-time lecturers at the Antelope Valley campus.

Duties also include research, mentoring undergraduate and graduate research students, advising students, and participating in appropriate levels of service to the department, school, university, and the profession. Additionally, instructors in the CEE/CS department must provide course documentation and assessment to satisfy ABET requirements.

Background Check: A background check (including a criminal records check) must be satisfactorily completed. Offers of employment are conditional and may be rescinded if the background check reveals disqualifying information, and/or it is discovered that the candidate knowingly withheld or falsified information. Failure to satisfactorily complete the background check may affect the continued employment of a current CSU employee who was conditionally offered the position.

Out of State Employment: Per CSU-wide policy, all faculty who will begin initial employment (or return from a 12-month break in service) on or after January 1, 2022 are required to perform their work from within the State of California. Faculty assignments include in-person duties that must be performed in-person at the assigned location.

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 age, gender identity or expression, race or ethnicity (including color, caste, or ancestry), national origin, religion, genetic information, sexual orientation, marital status, veteran or military status, medical condition, or disability.