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: January 15, 2024

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.

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:

- 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).
- 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.
- Experience in assessment and leadership in program coordination.

Application:

The application must include:
- 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 entirely at the Antelope Valley campus in Lancaster, CA. All in-person teaching assignments and office space will be located on this campus. There is no requirement to commute to the main campus in Bakersfield, as your role will be fully situated at Antelope Valley. 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.

Rank and Salary: Assistant Professor, Associate Professor, or 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.