David Lam

West Covina, CA | (626) 251 – 0999 | dlam1@cpp.edu | [LinkedIn](#) | [GitHub](#)

EDUCATION

California State Polytechnic University, Pomona   June 2025 (expected)
Bachelor of Science, Computer Science

Related coursework:

- C++ and Java Programming
- Data Structure and Advanced Programming
- Probability and Statistics for Computer Scientists and Engineers
- Intro to Web Science and Tech

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, JavaScript, SQL
Technologies and Frameworks: HTML, CSS, PHP, Bootstrap, React, and Git

PROJECTS

[Movies CRUD Application](#)   Fall 2021

Developed a CRUD desktop application using Python Tkinter library and SQLite to perform four basic operations on data entry for movie collection (Create, Retrieve, Update, and Delete).

ML Catalog   Fall 2023

Contributes to a project called "ML Catalog" – a full-stack web application that facilitates access to the knowledge of Machine Learning for students who are uncertain about what to start or whether it meets their interests.

Technologies: front-end (JavaScript and React), back-end (Express.js and PostgreSQL).

WORK EXPERIENCE

Mount San Antonio College   Walnut, CA
Math Tutor   August 2023 - Present

- Assists students with solving Math assignments from College Algebra to Calculus 2.
- Recommends available fundamental Math materials to students who need basic concepts.
- Collaborates with other tutors to find solutions for encouraging students.
- Acquires effective tutoring techniques through a tutoring course (the Socratic method and communication techniques).