

Lucas Zhou

1976 Lambeth Way

San Ramon, CA 94582

Mobile: (925) 282-9925

Email: zhoulucas000@gmail.com

Github: <https://github.com/zh0uCODE>

Objective

To intern in an exciting technology company as an engineer and solve real-world problems.

EDUCATION

Freshman at UCSB Electrical Engineering (Sophomore Standing)

4.0 GPA Fall & Winter Quarter 2024-2025

Currently Taking Advanced Math Courses (Multivariable Calculus, Differential Equations)

Achievements and Work Experience

Summer 2024: Intern at Accusilicon USA Inc, a chip design company:

- Converted Chip Design Layout from TSMC fab to SMIC fab
- Built a working voltage-controlled capacitor SPICE Model for circuit design

Winter 2025: ECE 5 Science Fair Project:

- Built a remote-controlled tank that fires a laser using Arduino Code & circuits

SKILLS

Python, numpy, scipy, C++, Java, Matlab/Octave, Linux Shell Script

Programming and configuring MCU platforms like Arduino.

Controlling servo and stepper motors.

Operating test equipment like multimeters, oscilloscopes, bench power supplies.

Strong foundation in math, chemistry and physics.

Other Projects

COSMOS UC Davis Biophysics and Robotics Camp (Summer 2022)

- Built robot piano w/ mechanical finger (slides across keys, hits every single note)
- Simulated Random Walks of Biomolecules using Python

