

CONNOR SIU

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EDUCATION

Bachelors of Science, Biomedical Engineering

Expected May 2029

San Jose State University, San Jose, California

First-year biomedical engineering student at San Jose State University

Biomedical Engineering Society Member

High School Diploma

May 2025

Mountain House High School, Mountain House, California

Completed Mountain House High School's Biomedical Pathway

Graduated with Honors

TECHNICAL SKILLS

- ☐ Buffer/Solution Preparation
- ☐ PCR
- ☐ Gel Electrophoresis
- ☐ Agar Prep
- ☐ Claude Code
- ☐ AI/Prompt Engineering
- ☐ Python

RELEVANT EXPERIENCE

Intern/Student, Stanford Medicine @ Dr. Michael Ma's Cardiothoracic Bioengineering Lab

Jun 2023 - Jul 2023

- ☐ Selected in a small cohort of 3 students to develop lab skills with Dr. Michael Ma, assisted in development of a blood pressure sensor for a cardiovascular organ care system focused on translating adult technologies for pediatric cardiac transplant patients
- ☐ Utilized and built upon Arduino IDE foundation and circuitry skills

Advisory Staff, American Red Cross Youth Development Conference

Jul 2022 - Jul 2025

- ☐ Directed a team of 20-30 youth staff on an advisory board consisting of 8 members overseeing 200+ delegates a year
- ☐ Organized conference programs, meeting minutes, documentation, food logistics, and conference scheduling in the off months
- ☐ Executed programs such as disaster preparedness and first aid workshops, along with social events such as campfire and team events

INDEPENDENT PROJECTS

Arduino Handbrake System

Feb 2026

- ☐ Developed an Arduino handbrake system for simulation racing games, combined CAD modeling, embedded device engineering, and Arduino IDE coding, in one project.
- ☐ <https://github.com/astrolado/ArduinoHandbrake>

CERTIFICATIONS

- AMD AI Foundations
- AMD Kubernetes on AMD Instinct GPUs
- Anthropic's Claude 101
- Anthropic's Model Context Protocol: Advanced Topics
- Google AI Essentials
- Google AI Professional
- Basic Life Support (BLS)

RELEVANT SKILLS

- ☐ First Aid
- ☐ CPR/BLS
- ☐ Excel/Sheets
- ☐ Computer Competency