

EDUCATION

California Polytechnic State University, San Luis Obispo, CA **GPA: 3.88/4.0** **(Expected Graduation - May 2028)**
Bachelor of Science, Computer Science

- **Relevant Coursework:** Data Structures, Computer Organization, Proj-Based OO Prog and Design

Dual Enrollment, De Anza College, CA **GPA: 3.9/4.0** **(June 2023 - March 2025)**
• **Relevant Coursework:** Operating System Concepts, Prog Method C++, Intermed Problem Solving JAVA, Python Programming

Dual Enrollment, Foothill College, CA **GPA: 4.0/4.0** **(July 2024 - August 2024)**
• **Relevant Coursework:** Discrete Mathematics

SKILLS

- Languages: Python, Java, C++, TypeScript, RISC-V-32 Assembly
 - Web Development: React, Next.js, Tailwind CSS
 - Databases: PostgreSQL, MongoDB
 - Tools & Platforms: Git/GitHub, Supabase, Cursor, Vercel, MS Office, Figma, Framer, Canva, macOS, Windows
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EXPERIENCE

CodeBox Project Co-Lead **Oct 2025 - Present**

(CodeBox: Cal Poly SLO computer science club for collaborative project development)

- Co-lead an 8-person cross-functional team developing a campus-wide academic resource-sharing platform
 - Engineered a credit-based economy using PostgreSQL to enable peer-to-peer study material exchange
 - Implemented secure file access with Supabase Storage using signed URLs and role-based access control
 - Constructed RESTful APIs with Next.js 16 and TypeScript, enforcing Row Level Security and automated content moderation
 - Oversaw system architecture, database schema design, code reviews, sprint planning, and technical documentation
- Tech:** Next.js 16, TypeScript, React 19, Supabase, PostgreSQL, Tailwind CSS

Hack4Impact Software Developer **Nov 2025 - Present**

(Hack4Impact: Student-run organization developing projects for local nonprofits)

- Contributed a full-stack web application for a nonprofit in an 11-member cross-functional team
 - Modeled MongoDB schemas and implement data persistence and validation with Mongoose
 - Developed RESTful API endpoints in Next.js 16 and TypeScript to support core application functionality
 - Crafted reusable React components following team design systems and coding standards
 - Coordinated via GitHub issues and pull requests; participate in code reviews and follow conventional commit workflows
- Tech:** Next.js 16, TypeScript, React 19, MongoDB, Mongoose

theCoderSchool, South Bay, Code Coach **Sept 2024 - Jan 2025**

- Taught Python programming and Scratch to elementary and middle-school students

Human Computer Interaction (HCI) Lab, Department of Computer Science and Engineering, Santa Clara University
UI Designer/Developer **Jan 2024 - Nov 2024**

- Developed virtual campus tours and digital experiences for underrepresented students
 - Created the official website for hosting the virtual campus tours
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VOLUNTEER / COMMUNITY SERVICE

Tutor, Code For Fun (Nonprofit) **July 2024**

- Delivered a summer coding course to 10 students (ages 5–12) using Scratch and Python
- Designed lesson plans, provided 1:1 debugging support, and guided students through interactive projects

Volunteer, Atria Senior Living Center **Sept 2023 – Jan 2025**

- Established and facilitated a weekly technology class for seniors focused on practical digital literacy
 - Administered surveys to tailor instruction; assisted with device troubleshooting and social media usage
 - Authored step-by-step how-to guides to support independent learning
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