

EDUCATION

California Polytechnic State University, San Luis Obispo

Expected 2029

B.S. in Computer Science Current Coursework: Intro to Computer Organization and Project-Based OOP in Java

- Dean's List Honors Fall 2025

Relevant Coursework: Programming in C++, Intro to Python, Data Structures & Algorithms

Programs: AI/ML Scholar (Inspirit AI): Supervised learning, neural networks, computer vision

Dual Enrollment: De Anza College DMT 055: Design and Manufacturing Processes/Modern Fabrication

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, C, C++, HTML/CSS, React Native, SQL

Tools & Platforms: Expo Go, Git/GitHub, API Integration, Supabase, Databases, Linux (CLI), Bash, SolidWorks (beginner), CNC machines (beginner)

EXPERIENCE

Backend App Developer Mazah App Development Group

Dec 2023 – Dec 2025

- Built backend recipe features using Supabase and React Native (Expo).

Math Instructor Mathnasium

Sep 2024 – May 2025

- Taught K12 students concepts from pre-algebra through calculus.

STEM Instructor InspiriGirls & Codeify

Feb 2024 – Apr 2024

- Designed curriculum and taught project-based programming to 20+ students.

Junior Academy Intern New York Academy of Sciences

Sep 2023 – Dec 2023

- Contributed to BiasShield, an AI bias detection and fairness assessment framework.

PROJECTS

Tesla Travel Logistics App Systems Optimization Club

Oct 2025 – Present

Developing route optimization features; tested API endpoints using Vitest; building frontend components with React Native.

Mazah App National Geographic Slingshot Winner

Built a recipe-management mobile app using React Native; designed and queried Supabase databases.

To-Do App

Cross-platform task manager with persistent state using React Native and Expo.

CAMPUS INVOLVEMENT

CubeSat Laboratory (PolySat) Software Team

Sep 2025 – Present

Developing flight software for CubeSat missions; creating schema files to convert legacy IPC formats to XDR.

Systems Optimization Club Developer

Oct 2025 – Present

Collaborating with Tesla to build logistics optimization tools and mobile app features.

Society of Women Engineers (SWE) Freshman Representative

Dec 2025 – Present

Representing first-year students; assisting with event planning and weekly meetings.

SWE Fall Welcome Subcommittee

Sep 2025 – Nov 2025

Supported planning and logistics for the annual Fall Welcome event.

AWARDS & ACHIEVEMENTS

- National Geographic Slingshot Award \$10,000 Prize
- Kode with Klossy Scholar App Development (Summer 2024)
- Girls Who Code Scholar Web Development (Summer 2023)