

## EDUCATION

<b>California Polytechnic State University, San Luis Obispo</b> B.S. in Computer Science Current Coursework: Intro to Computer Organization and Project-Based OOP in Java	<i>Expected 2029</i>
• Dean's List Honors Fall 2025	
<b>Relevant Coursework:</b> Programming in C++, Intro to Python, Data Structures & Algorithms	
<b>Programs:</b> AI/ML Scholar (Inspirit AI): Supervised learning, neural networks, computer vision	
<b>Dual Enrollment:</b> De Anza College DMT 055: Design and Manufacturing Processes/Modern Fabrication	

## TECHNICAL SKILLS

<b>Languages &amp; Frameworks:</b> Java, Python, C, C++, HTML/CSS, React Native, SQL
<b>Tools &amp; Platforms:</b> Expo Go, Git/GitHub, API Integration, Supabase, Databases, Linux (CLI), Bash, SolidWorks (beginner), CNC machines (beginner)

## EXPERIENCE

<b>Backend App Developer Mazah App Development Group</b>	Dec 2023 – Dec 2025
• Built backend recipe features using Supabase and React Native (Expo).	
<b>Math Instructor Mathnasium</b>	Sep 2024 – May 2025
• Taught K12 students concepts from pre-algebra through calculus.	
<b>STEM Instructor InspiriGirls &amp; Codeify</b>	Feb 2024 – Apr 2024
• Designed curriculum and taught project-based programming to 20+ students.	
<b>Junior Academy Intern New York Academy of Sciences</b>	Sep 2023 – Dec 2023
• Contributed to BiasShield, an AI bias detection and fairness assessment framework.	

## PROJECTS

<b>Tesla Travel Logistics App Systems Optimization Club</b>	Oct 2025 – Present
Developing route optimization features; tested API endpoints using Vitest; building frontend components with React Native.	
<b>Mazah App National Geographic Slingshot Winner</b>	
Built a recipe-management mobile app using React Native; designed and queried Supabase databases.	
<b>To-Do App</b>	
Cross-platform task manager with persistent state using React Native and Expo.	

## CAMPUS INVOLVEMENT

<b>CubeSat Laboratory (PolySat) Software Team</b>	Sep 2025 – Present
Developing flight software for CubeSat missions; creating schema files to convert legacy IPC formats to XDR.	
<b>Systems Optimization Club Developer</b>	Oct 2025 – Present
Collaborating with Tesla to build logistics optimization tools and mobile app features.	
<b>Society of Women Engineers (SWE) Freshman Representative</b>	Dec 2025 – Present
Representing first-year students; assisting with event planning and weekly meetings.	
<b>SWE Fall Welcome Subcommittee</b>	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)