

Caleb So • 3571 Canyon Circle Dr, San Luis Obispo, CA 93410
(480) 559-4374 • caso@calpoly.edu • linkedin.com/in/caleb-so

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science in Computer Science – Expected June 2028

GPA: 3.79 • President's Honors List (2024–2025)

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, HTML
 - **Developer Tools:** Git, GitHub, VS Code, IntelliJ, pip
 - **Markup / Formats:** YAML, XML, Markdown
 - **Databases:** Neo4j (basic exposure)
 - **Other:** Linux, macOS, Windows; troubleshooting and support; customer service
-

EXPERIENCE

Engineer Intern – Microchip Technology Inc., Chandler, AZ (*July – Sept 2025*)

- Developed Python agents to process XML and Neo4j data for integration into Microchip's internal chatbot (local instance of ChatGPT).
- Authored documentation and test cases in Markdown to validate functionality.
- Rapidly learned CMSIS, ARM Cortex products, YAML, and pip with minimal supervision.

Back of House Team Member – Chick-fil-A, Chandler, AZ (*Summer 2024 & 2025*)

- Prepared and assembled food orders with high accuracy in a fast-paced environment.
- Collaborated with team members to handle peak volumes smoothly.
- Earned commendations for dependability and positive attitude.

Freelance Drone Pilot (*2023*)

- Operated a drone to produce high-quality aerial photos and videos.
 - Ensured FAA compliance and performed equipment setup and troubleshooting.
-

PROJECT HIGHLIGHTS

- **Global Trade Network Graph (Python):** Modeled international trade flows with configurable filters; emphasized modular, testable code using custom data structures; collaborated with peers to refine implementation.
 - **U.S. Earthquake Data Analysis (Python):** Designed a pipeline to download, process, and analyze government seismic data; produced summary statistics to highlight frequency and intensity trends; wrote unit tests to ensure accuracy and maintainability.
 - **JavaScript Graphics (p5.js):** Created interactive browser-based animations; practiced event-driven programming and structured front-end code with modular functions and design principles.
-

LEADERSHIP & SERVICE

- **Scout Team Player**, Cal Poly Women's Basketball (Division I)
 - **Robotics Team & Student Mentor**, Chandler Preparatory Academy, AZ
 - **Youth Group Leadership Team, Pianist, AV Tech**, First Baptist Church Chandler
 - **Volunteer Pianist**, various Senior Memory Care Centers, AZ
 - **Event Food Server & Puppeteers**, First Baptist Church Chandler
-

AWARDS & CERTIFICATIONS

- President's Honors List, Cal Poly (2024–2025)
- Emerging Leader Series & Certificate, Cal Poly (2024)
- FAA Part 107 Commercial Drone Pilot License
- Sports360AZ All-Academic 1st Team (2023, 2024)
- National Latin Exam: Perfect Score (2020), Gold (2019, 2018), Bronze (2022, 2021)
- National Greek Exam: Merit Award (2023, 2024)
- Arizona Study Program (Piano): Superior Honors (2020)
- Most Improved Player, Chandler Prep Varsity Basketball (2023–24)