

# SHREYA ARJUN

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## EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY *San Luis Obispo, CA* *Sep 2023 - Dec 2026 (anticipated)*

B.S in Computer Science, Concentration in AI/ML – GPA: 3.78

*HONORS STUDENT:* Participate in exclusive, rigorous classes and collaborate for leadership and track experience projects

## COURSEWORK

Software Engineering, Systems Programming, Design/Analysis of Algorithms, Data Structures, Databases, Cybersecurity

## SKILLS

*Languages:* Python, Java, JavaScript, HTML, CSS, C++, SQL, SML

*Databases/Libraries:* React, Node.js, MySQL, Pandas,

## WORK EXPERIENCE

SOFTWARE ENGINEER INTERN: SIGNADOT *25 hrs per wk.* *June 2025–Sep 2025*

- Gained proficiency in cloud-native tools (Docker, Kubernetes), while utilizing Signadot's platform to create sandbox environments for efficient development and testing, strengthening system design skills.
- Experienced the SDLC by developing locally, creating pull requests, writing CI/CD tests, and aiding with bug fixes.
- Strengthened debugging skills by diagnosing production issues, identifying root causes, and deploying hotfixes.
- Authored concise tutorials illustrating product functionality and simplifying technical workflows for new users.

SOFTWARE DEVELOPER: HACK4IMPACT CALPOLY *15 hrs per wk.* *Dec 2025 - Present*

- Engineered full-stack features using React and Python to build scalable web applications for nonprofit partners.
- Developed robust APIs and database schemas in multidisciplinary teams to boost mission-driven app performance.

WEB DEVELOPER: CALPOLY HONORS *10 hrs per wk.* *Feb 2025- July 2025*

- Lead the development/design of web pages using HTML, CSS, and Drupal to enhance the Honor's interface.
- Collaborating with faculty to create/maintain accessible information for student research mentoring/scholarships.

## ACTIVITIES

VICE PRESIDENT OF GOOGLE DEVELOPERS CLUB: CALPOLY CHAPTER *Oct 2024- Present*

Global student-run organization: teaching software development and technical skills, hosting workshops and hackathons

- Co-lead weekly technical workshops; CSS, full stack development with Project IDX, and Leetcoding.
- Manage social media, oversee mentor/mentee program, and plan general club events.

SOCIETY OF WOMEN ENGINEERS *Sep 2023 - Present*

Opportunities for networking events, volunteering, and engaging in STEM activities

- Refereed VEX 2024 Robotics Competition and guided robotics teams and participate in mentor/mentee activities.

## PROJECTS AND AWARDS

### TUNE-IN

- Integrated Facial Recognition and Spotify APIs to curate and recommend playlists based on detected mood.
- Designed and implemented application and user experience with Javascript, Mongo, React, and RESTful APIs.

### PRISM

- Co-developed an AI-powered application that converts live lecture speech into correlated visual aids for faculty.
- Integrated OpenAI/Claude APIs for speech-to-text and image generation while designing a user-centered frontend.

President Honor's List for College of Engineering, 2023-2024. Awarded by CALPOLY