

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, Cybersecurity

SKILLS

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

Databases/Libraries: React, Node.js, MySQL, Pandas, NumPy, Scikit-Learn

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.
- 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.
- Visualized complex datasets using SQL/Python, improving user comprehension of key metrics in grants and awards.

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.

MENTORSHIP GDSC

- Developing web application for mentor-mentee matching utilizing algorithms based on user skills/interests.
- Implementing user authentication and UI with Javascript, Mongo, React, and RESTful APIs.

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