

RISHIKA JAIN

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Education

California Polytechnic State University

B.S. in Computer Science

- Data Structures, Calculus III, Physics II

Jun 2029

San Luis Obispo, CA

Homestead High School

GPA: 3.84/4.00

- AP Calculus BC, AP Physics C, AP Computer Science A, IB Economics SL

Jun 2025

Cupertino, CA

Experience

Cal Poly Society of Women Engineers

Volunteer Coordinator

- Directing and scheduling 50+ volunteers for Fall SWE Welcome, supporting tours, panels, and club showcases.
- Increasing prospective member engagement by 200+ high school students through targeted outreach.

Sep 2025 – Present

San Luis Obispo, CA

iFeminist

Web Developer

- Curating a database of 200+ articles on underrepresented women by publishing articles bi-weekly.

Oct 2024 – Present

Sunnyvale, CA

YMCA Project Cornerstone

Youth Leadership Council Member

- Interviewed and collaborated with county educational directors, doctors, and coordinators addressing the impact of the fentanyl epidemic on young adults.
- Served as Youth Emcee for the Asset Champions Awards Breakfast (500+ participants).

Oct 2024 – Jun 2025

San Jose, CA

Catholic University of America Physics Department

Summer Intern

- Developed Python algorithms estimating rates for pion and kaon electroproduction reactions.
- Calculated cross sections and event rates for experimental setups at Jefferson Lab.

Jul 2024 – Aug 2024

Washington, DC

Catholic University of America Physics Department

Summer Intern

- Calibrated a new light yield measurement system using lead tungstate scintillators.
- Reconciled discrepancies in light yield values by analyzing 75+ time-sensitive readings using Gaussian curve fitting.

Jul 2023 – Aug 2023

Washington, DC

Kode With Klossy

Website Development, Mobile Application Development, and Data Science Scholar

- Built Pluto, a financial literacy site for teens using HTML, CSS, and JavaScript.
- Designed Crystal, a Swift app improving transparency in charitable donations.
- Created The Ripple Effect using Weebly, Python, and Tableau analyzing single-use plastic consumption.

Jun 2022 – Jul 2024

Washington, DC, Sunnyvale, CA

Awards

Best Beginner Hack

Los Altos Hacks: Developed Pulse Point: Emergency locator app for fentanyl overdose reversal via Narcan

Apr 2025

Aspirations in Computing Winner, Campus Rep.

NCWIT San Francisco Bay Area Chapter

Apr 2025

Statesmen Star Award

George C. Marshall High School

Jun 2024

Second Place in Chemistry

Virginia State Science Fair: Eutrophication Remediation with Aluminum Foil as Phosphorus Sorption Material

Apr 2024

Skills

Python, Java, React, HTML/CSS/JavaScript, Excel, Overleaf, Tableau

National Association of Rocketry: Junior High-Power Certification 1