

Riya Zingade

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🌐 [GitHub](#) | [LinkedIn](#)

Education

California Polytechnic State University, San Luis Obispo (Cal Poly SLO)
B.S. in Software Engineering – Freshman, Expected Graduation 2029

- Current Coursework: **Data Structures in Python**

De Anza College (Dual Enrollment)

- Introduction to Programming Methodologies in **C++**
- Introduction to **Python**

Homestead High School, Cupertino, CA — GPA: 3.9, National Honor Society

- Leadership: Co-President – Personal Finance Club | Officer – Photography Club | HOP Leader (Freshman Mentor)
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Technical Experience

Mathematics Instructor – Mathnasium | Sep 2024 – May 2025

- Taught algebra, geometry, and precalculus to middle/high school students.
- Improved student performance through individualized instruction.

Intro to Java Instructor | Dec 2023 – Mar 2024

- Taught ~10 students over 10 weeks.
- Presented lecture slides, gave live coding demonstrations, and provided debugging support.

STEM Instructor – InspiriGirls | Feb 2024 – Mar 2024

- Designed projects, coursework, quizzes, and assignments for a 4-week program.
- Taught ~20 students in foundational computer science concepts.

App Developer – Mazah App Development Group | Dec 2023 – Present

- Awarded **\$10,000 National Geographic Slingshot Grant** for innovative app concept.
- Developing back-end recipe features with API integration.
- Collaborating on mobile app design and functionality.

Junior Academy Intern – New York Academy of Sciences (NYAS) | 2023

- Completed a **10-week global challenge on Ethical AI**.
- Designed **BiasShield**, a framework integrating bias detection, fairness metrics, and transparent user feedback.

AI/ML Scholar – Inspirit AI Program | Summer 2023

- Studied supervised learning, neural networks, and computer vision.
- Project: Applied ML to analyze telescope imagery for **exoplanet discovery**.

Web Developer Intern – Creative Minds | Dec 2022 – Feb 2023

- Updated and maintained Wix-based websites.
 - Gained experience with HTML/CSS and UI customization.
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Projects

To-Do App – React Native & Expo Go (2023)

- Built a cross-platform mobile app with task management features, persistent state, and clean UI.
- [GitHub Project](#)

Mazah App Development (2023 – Present)

- National Geographic-funded app focused on **recipe management and nutrition**.
 - Back-end development with API integration.
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Programs & Courses

- **Kode with Klossy (Summer 2024)**: App Development course with mobile-first design projects.
 - **Girls Who Code (Summer 2023)**: Web Development course focused on Python and HTML/CSS.
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Skills

- **Languages/Frameworks**: Java, Python, JavaScript (ES6), React Native, HTML/CSS
 - **Tools**: Expo Go, Git/GitHub, API Integration
 - **AI/ML**: Bias detection, fairness metrics, supervised learning, computer vision
 - **Other**: Leadership, Communication, Problem-Solving, Teaching
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Awards & Achievements

- **National Geographic Slingshot Award** – \$10,000 prize
 - **2nd Place – FBLA State** (Public Service Announcement)
 - **6th Place – FBLA State** (Digital Animation)
 - **3rd Place – Homestead Hackathon**
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Additional Experience

- **Volunteer Photographer – NAFA Film Festival (2023)**: Photographed Marathi cinema celebrities; images shared with executives.
- **Varsity Badminton – 4 years**, JV/Club Volleyball, FBLA competitor.
- **Public Relations Intern – Sparkedflow (2023)**: Outreach + professional interviews on personal finance.
- **Lifeguard – California's Great America (2023)**: ELLIS-certified CPR & water safety.