

# Anay Agrawal

408-914-1106 | [agrawal.anay@gmail.com](mailto:agrawal.anay@gmail.com) | [linkedin.com/in/anayagrawal](https://www.linkedin.com/in/anayagrawal) | [github.com/garfield890](https://github.com/garfield890)

## EDUCATION

---

### California Polytechnic State University, San Luis Obispo

San Luis Obispo, CA

*Bachelor of Science in Computer Engineering*

*Expected Graduation: June 2029*

- Relevant Coursework: Data Structures, Calculus III

## EXPERIENCE

---

### theCoderSchool

June 2024 – September 2024

*Code Coach*

*Milpitas, CA*

- Instructed 15+ elementary school students one-on-one in basic programming in Python and JavaScript.
- Guided students through interactive, personalized projects to reinforce skills.
- Designed fun coding challenges to improve students' problem-solving techniques.

### TriCity Band Corps

June 2021 – July 2024

*Senior Technology Officer and Euphonium Instructor*

*Fremont, CA*

- Coached 15+ Euphonium beginners to produce their first sound and perform basic songs.
- Led a web development team to redesign program pages and improve UI for a platform with 1,000+ active users (HTML and CSS).
- Recruited 4 new teachers to teach other instruments.

### CodeNinjas

June 2023 – January 2024

*Coding Instructor*

*Fremont, CA*

- Managed 3 summer coding camps and taught 50+ students programming concepts in Python and robotics.
- Encouraged collaboration between students to create team projects that test their knowledge.
- Mentored a team of 6 elementary school students in preparation for the First LEGO League Explore competition, supporting them in brainstorming, programming, and teamwork.

## PROJECTS

---

### Presentations Web App | *JavaScript, HTML, CSS, Open AI API, PDF.js*

February 2025

- Placed 2nd out of 20 teams in hackathon by developing a full-stack web application helping students improve their presentation and communication skills.
- Manipulated the DOM to create a frontend with HTML and CSS and a backend with JavaScript.
- Integrated the OpenAI API and utilized PDF.js to grade presentations on content, time, and style.
- Analyzed audio levels when speaking to provide voice feedback in real-time.
- Presented project to a team of professional judges.

### Irvington Clubs App | *Java, Android Studio, Gradle*

February 2024

- Implemented an Android application streamlining the online club presence for Irvington high school into a singular app.
- Designed interactive UI layouts in Android Studio and XML, connecting pages with Java.
- Presented app to students and professional judges as part of hackathon.

## TECHNICAL SKILLS

---

**Languages:** Python, Java, C/C++, JavaScript, HTML, CSS, Ruby, Swift

**Frameworks:** Django, Tailwind CSS

**Developer Tools:** Git, Gradle, VS Code, PyCharm, IntelliJ, Eclipse, Android Studio, Firebase

**Libraries:** TensorFlow, PyTorch, scikit-learn, pandas, NumPy, Matplotlib, PDF.js