

# Robert Balatbat

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## EDUCATION

**California State Polytechnic University, Pomona**

*Bachelor of Science in Computer Science*

August 2019 - May 2023

Pomona, CA

- GPA: 3.92, Summa Cum Laude

## EXPERIENCE

**Coding Mind** | [codingmind.com](https://codingmind.com)

October 2023 - Present

*Coding Instructor | Developer*

- Led courses teaching frontend development using React with Vite, Firebase, and a Python Flask API backend.
- Maintained codingmind.com, adding web pages, new features, or fixing any issues that arose.

*Software Development Intern*

December 2022 - September 2023

- Revamped old company website with modern UI using Bootstrap and Jekyll in HTML, CSS, and JavaScript.
- Implemented pages and components from wireframe to production, focusing on responsive design.
- Deployed the statically generated site using GitHub Actions for the CI/CD pipeline.

**Headstarter**

June 2022 - September 2022

*Software Engineering Fellow*

- Worked in a team of 5 to implement a platform for facilitating customer emails, SMS, and live messages.
- Engineered a live chat modal to assign customers to the customer support platform queue using Firebase Firestore transactions and implemented various API-connected UI components using Tailwind.
- Won 1st Place against 11 teams after the presentations of our projects to a Product Manager at Plivo.

## PROJECTS

**ideArt** | [Mobile App Link](#) | [Web App Link](#)

Summer 2023

*Flutter Mobile and React Web App*

- A multiplatform art-sharing and inspiration social media app built using Flutter for mobile and React for web.
- Led full-stack development using React with Tailwind CSS and AWS services for the backend.
- Programmed mobile app in Dart using Flutter allowing for responsive UI and CRUD functionalities using AWS.

**Customer Support Platform** | [GitHub](#)

September 2022

*Full-stack React Web App*

- An omnichannel communications platform designed to facilitate customer support inquiries.
- Developed using Next.js and TypeScript with Tailwind CSS and a Firebase backend.
- Worked with 3 other software engineering fellows and a UX/UI designer under a scrum process.

**Resume Parser** | [GitHub](#)

August 2022

*Full-stack React Web App*

- A mass resume parsing app that automates the resume reviewing process.
- Constructed using React with Bootstrap in the frontend and Amazon Amplify for the backend.
- Created a serverless GraphQL API that parses the resumes through AI/ML using Amazon Textract leveraging AWS Lambda leading to 99% uptime with real-time DynamoDB data table entries.

## ACTIVITIES & ORGANIZATIONS

**CPP Virtual Reality Lab** | VR Research Assistant | [cppvr.org](https://cppvr.org)

Spring 2022

- Produced a Unity-based VR application using C# consisting of tower defense-inspired gameplay.

## SKILLS

**Languages:** JavaScript, HTML, CSS, Python, Java, Dart

**Technologies:** React, Node.js, Express, Firebase, Google Cloud Platform, AWS Amplify, Amazon EC2, DynamoDB, OpenAI API, Jekyll, GitHub, Git, Flutter, Android Studio, Bootstrap, Tailwind CSS