

# 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 leveraging React with Vite, Firebase, and a Python Flask API backend, empowering students to build dynamic web applications.
- Managed the maintenance and continuous improvement of codingmind.com, launching new features, resolving critical issues, and enhancing user experience.
- Integrated Jekyll for a branch localization system, expanding reach for local branches and driving engagement.

*Software Development Intern*

December 2022 - September 2023

- Transformed outdated company website with modern UI using Bootstrap and Jekyll, delivering fast and fully responsive designs from concept to production, boosting customer retention and acquisition.
- Innovated a solution for bilingual content using Jekyll's templating capabilities, improving website consistency.
- Deployed the statically generated site using GitHub Actions for the CI/CD pipeline.

**Headstarter**

June 2022 - September 2022

*Software Engineering Fellow*

- Collaborated with a team of 5 to develop a platform for facilitating customer emails, SMS, and live messages.
- Architected a live chat system, integrating Firebase Firestore transactions to queue customer support requests, and designed multiple API-driven UI components using Next.js and Tailwind CSS.
- Won 1st Place out of 12 teams, impressing a Product Manager at Plivo with the execution of our project.

## PROJECTS

**ideArt** | [GitHub](https://github.com)

Summer 2023

*Flutter Mobile and React Web App*

- Created a multiplatform art-sharing app built using Flutter (mobile) and React (web).
- Led full-stack development with AWS backend services, ensuring seamless integration across platforms.

**Customer Support Platform** | [GitHub](https://github.com)

September 2022

*Full-stack React Web App*

- Engineered an omnichannel communication platform using Next.js, TypeScript, Tailwind CSS, and Firebase.
- Collaborated with a team under a scrum process, driving the project to completion.

**Resume Parser** | [GitHub](https://github.com)

August 2022

*Full-stack React Web App*

- Built a mass resume-parsing app using React and Bootstrap, automating the resume-reviewing process.
- Leveraged AWS services (Amplify, Textract, Lambda) leading to 99% uptime with real-time data handling via DynamoDB.

## 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, Liquid Template Language

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