

# Yuchen (Abi) Liu

Software Engineer

## WORK EXPERIENCE

### Software Engineer at 100devs, Remote

June 2022 — Present

- Collaborated with a team of developers to build modern and responsive web applications using best practices
- Built semantically structured full-stack web applications
- Applied agile methodologies like SCRUM for project management

#### Recent Projects:

##### **Valorant Finder**— (Typescript, Mongoose, Express, Node, React, Jest, Material UI)

- A full-stack application that tracks match statistics and history, and allows users to find teammates to play with. Also includes a review system to rate users.
- Implemented a caching system for match and profile data that reduces loading times by up to 100%.
- Implemented Unit testing with Jest and Supertest to enhance endpoint robustness and reliability
- Built a UI that is intuitive and visually appealing on all screen sizes.

##### **FinanceMe** — (Mongoose, Express, Node, React, Material UI, Google OAuth)

- Integrated the Plaid API's secure connection to enable users to connect and manage multiple bank and credit card accounts.
- Built UI with MaterialUI and incorporated the Google Charts API for data visualization and insightful financial reporting

##### **Socials**— (Mongoose, Express, Node, Server-Side Rendering, Bootstrap5)

- A full-stack social media application where users can share images, like posts, comment, and customize their profiles with profile pictures.
- Integrated Cloudinary for image storage and manipulation, utilizing its API for optimized image delivery and transformations to enhance performance and user experience.
- Developed local authentication for user security using Bcrypt for data encryption.

##### **Jokr**— (Mongoose, Express, Node, Server-Side Rendering, Bootstrap5)

- Users can manage and share jokes, delete select jokes, and view all public jokes.
- Developed a user-friendly and responsive user interface using Bootstrap5, including dynamic rendering of jokes and personalized user profiles.

### Server at Sesame Korean Grill | Santa Cruz, CA

December 2021 — June 2022

Collaborated with team members to troubleshoot and resolve customer issues, demonstrating effective problem-solving skills and contributing to a positive team culture.

## VOLUNTEERING

### Albany Unified School District

March 2018 — August 2018

Helped with teaching basic computer programming skills to kids at the local elementary schools in my hometown.

## CONTACT

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## SKILLS

HTML

CSS

Javascript

Typescript

React

Agile

Node

MongoDB

Express

OOP

Jest

Unit Testing

Web Accessibility

## EDUCATION

### UC Santa Cruz

2018 - 2022

Bachelors: Business

Management Economics

