Yuchen (Abi) Liu

510-621-8654 | abiliu018@gmail.com | linkedin.com/in/abiliu | github.com/Abi-Liu

EDUCATION

100Devs   Remote
Full Stack Software Development Program   *June. 2022 – June 2023*

University of California - Santa Cruz   Santa Cruz, CA
Bachelor of Arts in Business Management Economics   *September 2018 – December 2022*

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML/CSS
Frameworks: React, Node.js, MongoDB, Mongoose, JQuery, MaterialUI, Bootstrap, MantineUi
Developer Tools: Git, VS Code, Postman
Miscellaneous: Netlify, Render, Object Oriented Programing (OOP), Agile Methodology, Node Package Manager (NPM)

OPEN-SOURCE CONTRIBUTIONS

Medplum github.com/medplum/medplum   Open Source
Healthcare Developer Platform   *July 2023 - Present*

- Enhanced Medplum's batch upload tool, allowing users to upload multiple FHIR bundle resources simultaneously, improving efficiency and usability.
- Implemented separate output tabs for each uploaded file, providing a clearer view of the uploaded data and streamlining the data management process.
- Introduced a copy button for resource IDs, improving the developer's workflow and making essential information more accessible.
- Technologies used: TypeScript, React, Mantine UI.

PROJECTS

Valorant Finder | *TypeScript, Node.js, Express, MongoDB, React, Jest, Git*   June 2023 – Present

- Developed a full-stack web application using with Node.js serving a REST API with React as the frontend
- Implemented Local Auth for account creation
- 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.
- Used MaterialUI to build an intuitive and visually appealing interface on all screen sizes.
- GitHub: github.com/Abi-Liu/Valorant-Team-Finder

FinanceMe | *JavaScript, Node.js, Express, MongoDB, React, Git*   March 2023 – April 2023

- Integrated the Plaid API's secure connection to enable users to connect and manage multiple bank and credit card accounts.
- Implemented Google OAuth for account creation.
- Grouped transactions by category and used Material Table to display the data to give users a better understanding of their spending habits.
- Built UI with MaterialUI and incorporated the Google Charts API for data visualization and insightful financial reporting.
- GitHub: github.com/Abi-Liu/Finance-Me

VOLUNTEERING

Albany Unified School District   Albany, CA
Student Volunteer   *March 2018 – August 2018*

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

Reading Partners   Oakland, CA
English Tutor   *Jan 2017 – June 2017*

- I volunteered to tutor reading and writing skills to children in underserved communities in my area.