Luo Long

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TECHNICAL SKILLS

Languages: JavaScript, Python, Java, HTML, CSS, C++, C#, SQL Libraries/Frameworks: React, Node.js, React Native, Tailwind CSS

Tools: Git, VS Code, IntelliJ, JIRA, Firebase, JUnit, Docker, LaTeX, Postman

EXPERIENCE

Founder
Perfect Fit

Apr 2024 – Present
Santa Clara, CA

- Founded <u>Perfect Fit</u>, a virtual wardrobe platform that uses AI to generate tailored outfits by leveraging HTML & React for frontend, JavaScript & Node.js for backend, ensuring a scalable product
- Spearheaded the <u>Fit Finder</u> swiping feature for clothing suggestions using **React and Firebase**, enabling the AI to learn and improve outfit recommendations based on user preferences.
- Developed a web scraper using **Python** and **BeautifulSoup** to parse and analyze thousands of images from fashion platforms such as Pinterest and Depop, resulting in enhanced accuracy for clothing recommendations
- Engineered a background removal algorithm using **Node.js and Express**, enhancing the user experience with seamless processing of clothing image uploads.

Software Engineer & QA Intern

Dec 2023 – Present

Under current.ai

San Francisco, CA

- Developed Kotlin REST endpoints using Ktor for Bitcoin wallet transactions, resulting in enhanced security and accuracy
- Implemented automated tests using **JUnit**, resolving critical issues such as allowing users to withdraw more money than available in their accounts.

Software Engineering Intern

Jun 2023 – Sep 2023

Studio 210, a sourcing company with clients such as MasterCard & Fanatics

Norwalk, CT

• Re-engineered <u>Studio 210 Website</u> utilizing HTML, CSS, and JavaScript, resulting in reduced page load time by 40% and improved reliability

Projects

HotSpots | React, Node.js, Tailwind CSS, Git, Google Maps & INRIX API

Nov 2023

- Developed a market intelligence tool that helps businesses decide optimal locations based on INRIX API foot traffic data coupled with Google Maps API for mapping functionalities
- Architected full-stack application utilizing React, Tailwind CSS, and Node.js, delivering a responsive UI and seamless frontend-backend integration with efficient API handling

SafeBronc | React Native, Node.js, Twilio API, Google Maps Geolocation API

Feb 2022

- Designed SafeBronc, a mobile app that enhances event safety through QR-based attendee tracking and Twilio-powered alert system, earning 4th place among 150+ entries at Hack for Humanity Hackathon
- Conceptualized the **frontend** and designed the user interface using **React Native**, ensuring an **intuitive** and **user-friendly experience**

Twitter Data Analysis Algorithm | Python, Twitter API, NumPy

Jun 2022 - Sep 2022

• Created a tool to analyze real-time Twitter data using Python and the Twitter API, resulting in clear sentiment reports on trending topics

EDUCATION

Santa Clara University

Santa Clara, CA

Bachelor of Science in Computer Science

Sep. 2021 - Jun 2025

• Relevant Coursework: Data Structures & Algorithms, Software Design, Theory of Algorithms