

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

Apr 2024 – Present

Perfect Fit

Santa Clara, CA

- Founded [Perfect Fit](#), 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 [Fit Finder](#) 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 – Mar 2024

Undercurrent.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 [Studio 210 Website](#) 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, Computer Networks, Theory of Algorithms, Embedded Systems