

# Luo Long

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## EDUCATION

### Santa Clara University

Santa Clara, CA

Bachelor of Science in **Computer Science**

Sep. 2021 – Jun 2025

- **Coursework:** Data Structures & Algorithms, Computer Networks, Theory of Algorithms, Embedded Systems

## EXPERIENCE

### Software Engineer

Apr 2024 – Present

*Perfect Fit (Startup)*

*Santa Clara, CA*

- Founded and built **Perfect Fit**, a full-stack virtual wardrobe platform using **HTML**, **React**, **Node.js**, and **Firebase** that generates tailored outfits with smooth data management and scalability
- Created the **Fit Finder** swiping feature using React and Firebase to improve outfit suggestions
- Constructed a Python web scraper with BeautifulSoup and a headless browser to analyze dynamic fashion images from Pinterest and Depop, greatly improving outfit recommendation accuracy
- Engineered a background removal algorithm using **Node.js** and **Express**, simplifying the process of uploading clothes

### Software Engineer & QA Intern

Dec 2023 – Mar 2024

*Undercurrent.ai (Startup)*

*San Francisco, CA*

- Gained foundational startup experience by writing documentation on **Confluence**, managing and investigating tickets in **JIRA**, and learning the basics of **Git** version control
- Conducted manual tests using **JUnit**, identifying and resolving critical issues such as users being able to withdraw more money than available in their Bitcoin accounts

### Software Engineering Intern

Jun 2023 – Sep 2023

*Studio 210*

*Norwalk, CT*

- Re-engineered company website utilizing **HTML**, **CSS**, and **JavaScript** to reduce page load time by 40% and improved reliability

## PROJECTS

### [React Personal Portfolio](#) | **React**, **Node.js**, **Vercel**, **Javascript**, **HTML**, **CSS**

Aug 2024

- Built and deployed a full-stack portfolio website using React and Vercel, ensuring seamless deployment and scalability by following **CI/CD standard procedures**
- Embedded YouTube demos using React and iframes, resulting in clear, visual demonstrations of my projects that enhance the user experience

### [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** at Hack4Humanity Hackathon
- Conceptualized and developed the frontend using React Native, focusing on creating an intuitive and user-friendly interface

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, Java, HTML, CSS, C++, C#, SQL

**Libraries/Frameworks:** React, Node.js, React Native, Tailwind CSS, AWS

**Tools:** Git, VS Code, Confluence, JIRA, Firebase, JUnit, Docker, LaTeX, Vercel, Postman