

Luo Long

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EDUCATION

Santa Clara University

Santa Clara, CA

Bachelor of Science in Computer Science — GPA: 3.5

Sep. 2021 – Jun 2025

- **Coursework:** Data Structures & Algorithms, Theory of Algorithms, Object Oriented Programming, Discrete Math, Computer Networks, Embedded Systems
- **Awards & Honors:** 4th place in Hack4Humanity Hackathon (2022), Honorable Mention in INRIX Hackathon (2023), Selected as 1 of 130+ startups for SCU Bronco Ventures Accelerator program (2024)
- **Extracurriculars:** Association of Computing Machinery, Tau Kappa Epsilon Fraternity (Secretary), Varsity Basketball Captain

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

Certificates: [Databases in mySQL \(Meta\)](#) [Version Control \(Meta\)](#)

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
- Engineered a background removal function using **Node.js** and **Express**, simplifying the clothes uploading process

Software Engineer & Quality Assurance 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 Engineer Intern

Jun 2023 – Sep 2023

Studio 210

Norwalk, CT

- Improved company website utilizing **HTML**, **CSS**, and **JavaScript** to reduce page load time by 40%

PROJECTS

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

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 market intelligence tool that helps businesses decide optimal locations based on INRIX Foot Traffic API data coupled with Google Maps API, earning **Honorable Mention** at INRIX Hackathon
- 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 alert system, earning **4th place** at Hack4Humanity Hackathon
- Conceptualized and developed the frontend using React Native, focusing on creating an intuitive interface