

Carlton Aikins

Los Angeles, CA, USA | caikins@usc.edu | [linkedin.com/in/carltonaikins](https://www.linkedin.com/in/carltonaikins) | carltonaikins.com

EDUCATION

University of Southern California

Los Angeles, CA

Bachelor of Science in Computer Engineering and Computer Science

May 2027

Relevant Coursework: Data Structures & Algorithms, Embedded Systems, Theory of Computing

EXPERIENCE

Doublespeed (a16z speedrun)

Aug 2024 – Present

Founding Engineer

Los Angeles, CA

- Boosted content delivery speed 30% by architecting static image references for slide templates, improving consistency across campaigns and supporting the platform's 2× editing speed promise
- Improved automation efficiency 25% by parameterizing device coordinates and merging redundant endpoints, streamlining UI interactions and backend performance

Google

May 2025 – Aug 2025

Software Engineering Intern (Google Maps)

Mountain View, CA

- Engineered full-stack features for 2.5D building height and relational attribute editing in internal mapping tool with **Typescript** for interactive components and **Java** backend for **CRUD** operations, enhancing base map accuracy
- Improved operator efficiency and map clarity by implementing **client-side** height validation, legend improvements, **optimized map element layering**, and changing default settings on road properties
- Initiated exploration and implementation for 2.5D building rendering using deck.gl (Typescript), leveraging height data for richer **spatial visualization**

Google

May 2024 – Aug 2024

Software Engineering Intern (Privacy Sandbox)

Cambridge, MA

- Developed and internally published a Chrome extension to **obfuscate browser fingerprinting** via HTTP header and font API spoofing, significantly enhancing user privacy
- Improved user anonymity by **60%** and reduced data tracking effectiveness, concurrently establishing **CI/CD pipelines** and streamlining code submission practices

Liaise

Feb 2025 – May 2025

Head of Engineering

Los Angeles, CA

- Managed team of **6** engineers to fix **10+** critical level bugs in app to ensure seamless launch process for influencer app platform resulting in better user retention and experience for **10000+** users with over **300M+** combined followers, contributing to **\$100.9K** in initial funding.
- Integrated error tracking, user analytics, **TensorFlow-based** NSFW detection to support scalable growth

PROJECTS

AI Powered App Store Deployment Suite | Storeshot (www.storeshotai.com)

Oct 2024 - Present

- Developed and launched an AI-powered SaaS platform automates the generation of app store assets such as screenshots, descriptions, and keyword-optimized metadata, reducing time-to-market for mobile apps by over **70%**

Full Stack Mobile App | Clubology (www.clubology.co)

Aug 2022 - Sep 2023

- Launched a club/student organization management app, using **Flutter** and **MongoDB**, used by multiple student organizations at **15+** schools and increased club retention rate by **20%** for **30+** clubs

TECHNICAL SKILLS

Languages: Python, Java, JavaScript/TypeScript, C++, Dart, HTML/CSS

Frameworks: NodeJS, Flutter, React/NextJS, Svelte, ExpressJS, FastAPI, SciKit-Learn, PostgreSQL

Developer Tools: Firebase, MongoDB Atlas, Figma, Adobe XD, ArcGIS Tools, Vercel, Stripe, Supabase

LEADERSHIP

National Society of Black Engineers

Mar 2025 – Present

Region VI Telecommunications Chairperson

Oakland, CA

USC LavaLab

Sep 2023 – Present

Developer & Mentor

Los Angeles, CA