

CARLTON AIKINS

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EDUCATION

University of Southern California

Los Angeles, CA

Bachelor of Science (B.S.) Computer Science and Business Administration

May 2023-May 2027

- Minor: Connected Devices and Making
- Relevant course work: Data Structures and Object Oriented Design, Discrete Mathematics, C++ Programming

EXPERIENCE

Google

Cambridge, MA

Software Engineering (STEP) Intern - Privacy Sandbox

May 2024-August 2024

- Developed and internally published Chrome extension preventing browser fingerprinting, built with TypeScript and HTML/CSS to add randomness to 5 common fingerprinting APIs
- Created 4 user-friendly screens in Figma and leveraged Google internal tooling to deploy a custom website, ensuring seamless integration, functionality, and more efficient testing
- Implemented HTTP Header spoofing to fuzz 8+ network request headers leveraging custom values with chrome APIs

Charm Technologies, LLC

Remote

Founder (charmtechnologies.co)

July 2023-Present

- Designed and delivered 7 innovative SaaS products such as storeshotai.com, clubology.co, unfollowers.co among others
- Managed entire product development lifecycle, from ideation and design with Figma to development, testing, and deployment with Vercel, Flutter/React/Svelte, and MongoDB

Sections

Los Angeles, CA

Co-Founder & Developer (sections.vip, USC Lavalab)

September 2023-Present

- Collaborating with over 7 distinct clubs to innovate and revolutionize the methods table transactions at nightlife venues
- Spearheaded development of web app with 5+ features implementations with React, Stripe, SQLAlchemy and FastAPI

African Diaspora Social Society (D Society)

Los Angeles, CA

Head of Technical Operations

September 2023-Present

- Created and managing database of 750+ members through AirTable database
- Coordinating website updates with 15 executive board members across the country to implement event hosting, email sends, work opportunities, and networking events to foster a nurturing environment for collegiate African-Americans

ACADEMIC PROJECTS

Clubology (www.clubology.co)

Ashburn, VA

Full-Stack Mobile App

July 2022-September 2023

- Constructed an innovative club/student organization management app, used by multiple student organizations at over 15 schools
- Oversaw app architecture and database design through full-stack development using Flutter and MongoDB,
- Conducted user testing and collected feedback on 15 users, club retention rate for 5 clubs by 20%

carltonaikins.com

Ashburn, VA

Creator

January 2023-Present

- Published 5+ blog articles showing expertise in the intersection between computer science and being a student
- Designed and deployed a Svelte + Sveltekit website containing information about personal programming projects and assisted 50+ people with programming journeys through contact form

SKILLS

- Programming Languages: Python, Java, JavaScript/TypeScript, NodeJS, C++, Dart, Jupyter Notebook, HTML/CSS
- Frameworks: Flutter, React/NextJS, Svelte/Svelte-Kit, ExpressJS, SciKit-Learn, Pandas, FastAPI, SQL Alchemy, PostgreSQL
- Tools: Firebase, MongoDB Atlas, Figma, Adobe XD, ArcGIS Tools, Vercel, Stripe, Supabase, Upstash (Redis), Axios
- Skills: URM/UML Diagrams, UI/UX Design, State Management, Local Storage, Cloud Infrastructure (GCP, Azure, AWS)

CERTIFICATIONS

- IC3 Digital Literacy Certification - Certiport - A Pearson VUE Business