CARLTON AIKINS

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EDUCATION

University of Southern California   Los Angeles, CA
Bachelor of Science (B.S.) Computer Science and Business Admnistration   May 2023-May 2027
- Relevant course work: Discrete Mathematics, C++ Programming
- Interests: SaaS Products, Mobile App Development, Full Stack Development, Hardware and Wearables

EXPERIENCE

Charm Technologies LLC   Remote
Founder   July 2023-Present
- Founded and established Charm Technologies, a Software Development LLC, with a focus on developing innovative Software as a Service (SaaS) products such as Clubology, Elisha, BodyCheck, and 4 others
- Launched 5 SaaS products, gaining a reputation for delivering high-quality software solutions tailored to clients' needs
- Managed entire product development lifecycle, from ideation and design with Figma to development, testing, and deployment with Vercel, Flutter/React/Svelte, and MongoDB

African Diaspora Social Society (D Society)   Los Angeles, CA
Lead Developer   September 2023-Present
- Employed 10+ development and collaboration tools to build organization's iPhone/Android app infrastructure
- Connected with 15 e-board members to implement website improvement/updates to provide a seamless user experience

LavaLab   Los Angeles, CA
Developer   September 2023-Present
- Founded a company (TableTop, purchase tables at clubs), oversaw mobile app development with 5+ features implementations
- Collaborated with a diverse team of 4 comprised of entrepreneurs, designers, and developers to bring the TableTop concept to life
- Utilized a diverse set of 10+ enterprise collaboration and build tools including GitHub, Notion, Flutter, GraphQL, Elysia, Bun, etc.

Loudoun County Public Schools   Ashburn, VA
Geographic Information Systems Analyst (Apprenticeship)   April 2022-June 2022
- Drafted and digitized 8 structural drawings including floor plans and entrances for Lucketts Elementary
- Created and assigned metadata for all digitized rooms using ArcGIS Pro

ACADEMIC PROJECTS

Clubology (www.clubology.co)   Ashburn, VA
Full-Stack Mobile App   July 2022-Present
- Spearheaded ideation and development of Clubology, an innovative club/student organization management app, from inception to execution, used by multiple student organizations at over 15 schools
- Conceptualized full-stack development using Flutter and MongoDB, oversaw app architecture, database design, etc.
- Conducted user testing and collected feedback on 15 users, making data-driven improvements to enhance user experience

NBA Stats Predictor   Ashburn, VA
Machine Learning   February 2022-February 2022
- Developed a Python-based live prediction system using a linear regression model normalizing 52 years of NBA historical data (1970-2022)
- Designed and implemented a robust data processing pipeline utilizing Python to manipulate and analyze NBA game statistics

SKILLS

- Programming Languages: Python, Java, JavaScript, NodeJS, TypeScript, C++, Dart, Jupyter Notebook, HTML/CSS
- Frameworks: Flutter, React, Svelte (Svelte-Kit), ExpressJS, BunJS, Elysia, SciKit-Learn, Pandas, GraphQL
- Tools: Firebase (Auth, Firestore, Storage, Functions, Analytics, Crashlytics), MongoDB Atlas, Figma, Adobe XD, ArcGIS Tools, Vercel, Stripe, Supabase
- URM/UML Diagrams, UI/UX Design, State Management, Local Storage, Cloud Storage (GCP, Azure, AWS),

CERTIFICATIONS

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