Alexander Hsieh

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Experience

FSU Information Technology Services Tallahassee, Florida

Office of Digital Learning | Canvas SQL Developer Intern *Sep 2026 – Present*

- Analyzing existing **SQL-based enrollment rules** spanning academic plans, job codes, and faculty and staff affiliations, with the goal of standardizing query patterns and automating process management across 19+ Canvas organization sites.

Copa Airlines Panama City, Panama

Digital Group | Software Developer Intern *Jun 2026 – Aug 2026*

- Built and tested a proof-of-concept comparing **Directus CMS**'s built-in content versioning against Copa's existing staging system, and found a confirmed **403 permissions** bug blocking versioned reads on **M2A-nested** content that shaped the final recommendation for the proof-of-concept.
- Found and fixed a bug in Directus (open-source CMS), with the fix **merged into the official project** and released in **version 12.2.0** (PR #27892).

Circle Logistics, Inc Panama City, Panama

Expedite Department | Track and Trace Specialist *Mar 2024 – May 2025*

- Managed 30+ daily freight loads across **TransportPro TMS**, executing 3,000+ monthly check calls, verifying cross-border documentation, and coordinating US-Mexico clearance, sustaining 99%+ tracking accuracy across a 25-person department.

Alorica Panama Panama City, Panama

Best Buy Concierge Line and Sales | Customer Experience Agent *Jul 2023 – Mar 2024*

- Handled back-to-back inbound calls averaging 7–10 minutes, resolving purchase inquiries, appliance repair coordination, and home theater setup for US-based Best Buy customers while sustaining a **30% weekly sales closing rate**.

Leadership & Projects

Matchob – AWS Cloud Club at FSU *Sep 2026 – Present*

Project Chair | AWS, React, Typescript, WXT, Monday.com, Discord, GitHub

- Co-leading Matchob, an evidence-grounded resume-tailoring browser extension built with AWS, WXT, React, and Typescript, while **coordinating contributor's work** and mentoring members on technical and soft skills.

Funding Forge – AWS AI Maker Challenge *Feb 2026 - Mar 2026*

Lead Developer | React, TypeScript, Express.js, AWS Bedrock, PostgreSQL

- Led a cross-functional team of five through shifting team dynamics during a 48-hour build window, anchoring the technical effort end-to-end, while keeping the team aligned and focused on shipping, securing first place in the hackathon.
- Built an AI grant discovery platform on AWS to reduce the time researchers spend navigating fragmented funding databases, using AI-driven matching to surface relevant opportunities and generate tailored proposal drafts from a researcher's profile.

RaceTrack – FSU Software Engineering Lab *Jan 2026 – May 2026*

Project Manager and Data Lead | Python, FastAPI, PostgreSQL, React, TypeScript, Vite, GitHub

- Led Agile delivery across a six-person cross-functional team, translating business requirements into technical sprint deliverables using GitHub Projects, coordinating REST API integration between FastAPI backend and React/TypeScript frontend.
- Supervised the Jolpica F1 API ingestion pipeline into PostgreSQL, validated 3,500+ records for ML quality, and coordinated data handoffs between teams to keep end-to-end data clean.

Pulse Break – J&J Tech Awareness Program *Jan 2026 – Apr 2026*

Project Lead and Developer | React Native, Expo, TypeScript, AsyncStorage, GitHub

- Led the design and implementation of Pulse Break, a wellness app that solved the assigned case study, Stress Management at the Workplace, which was awarded Best Technical Solution.
- Built the MVP in React Native (Expo, TypeScript) with a stress check-in flow, high-stress break recommendations, guided Let Them Theory reflection prompts, and a weekly history dashboard tracking.

Involvement

FSU Shadow and FSU Talent Treks *August 2025 – May 2026*

FSU Career Center

– Selected for competitive externship programs, shadowing Paul Consulting Group (Fall 2025), RF-SMART (Spring 2026), and Danfoss Turbocor (Spring 2026), developing professional competencies in Project Management, Software Development, and Manufacturing.

Education

Florida State University Tallahassee, FL

Bachelor of Science in Computer Science | GPA: 3.64 ***Expected: December 2026***

Skills

Languages: Python, TypeScript, JavaScript, SQL, C#, LaTex, Markdown
Frameworks & Libraries: React Native, Expo, Express.js, FastAPI, Tailwind CSS
Tools & Platforms: AWS, PostgreSQL, Git, GitHub, Vercel, Docker, Directus, Claude Code, Opencode, Postman, Monday.com
Languages (Spoken): Spanish (native), English (native), Mandarin (elementary)