

# SAMUEL MORGAN ANDERSON

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## SUMMARY

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Detail-oriented and hard-working computer professional with a strong background in building full-stack web applications, as well as backend systems. Simultaneously working towards a B.S. in Computer Science at Florida State University and interning at the tech incubator Watsco Ventures, as well as creating side-projects which increase the breadth and depth of his knowledge.

## EDUCATION

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### Florida State University

*Bachelor of Science in Computer Science – GPA 3.7*

Tallahassee, FL, USA

Expected May 2025

## EXPERIENCE

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### Watsco Ventures

*Junior Software Developer*

Miami, FL, USA

May 2023 – Present

- Contributed 100+ pull requests to 100,000+ line **Nuxt** codebase of an HVAC proposal-creation webapp, OnCall Air Lite
- Refactored **Nitro** server-side code to cut proxy API calls, boosting data fetch speed by 40%
- Helped integrate **Formstack**, allowing the team to view valuable customer feedback
- Led development of a multi-tenant configuration system, allowing for a URL based, **Nuxt UI** plus **Tailwind** tenant-theming system with **Pinia** store and **PostgreSQL** tenant database
- Fixed dozens of high-priority issues quickly and effectively, ensuring the app has had a downtime of less than 10%

## PROJECTS

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### Librewrite.com

*Next.js, Tailwind, IndexedDB*

Oct 2024 – Present

- Independently created a free webapp intended for practicing creative writing in **Next.js**
- Stored content locally utilizing **IndexedDB** and **Dexie** and displayed the content stylishly by implementing **Tailwind** and **shadcn/ui**.
- Used by literature teacher to administer writing assignments in LIT2000 class

### Arduvia.com

*Inertia.js, Laravel, Go, PostgreSQL*

Sep 2024 – Dec 2024

- Co-created a small social media platform with location-based content and posts in **Inertia.js**
- Led development of **React** frontend and architected structure of **Laravel** backend and **PostgreSQL** database
- Utilized **Docker** to ensure everyone working on the project had a consistent build

## SKILLS

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**Relevant:** Highly proficient in Vue/Nuxt, Java/Typescript, Node.js, React/Next.js, Lua, and Agile and SCRUM workflows. Proficient in C, C++, Python, Unix, and writing documentation.

**Other:** Proficient in Microsoft Office, writing. Competent in Spanish

## EXTRACURRICULAR Activities

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**Academic:** FSU Leaders, 2<sup>nd</sup> place in ACM at FSU 2021 competition, FSU biking club