

# ISAIAH ROHRER

📞 717-224-7712

✉ [isaiah.rohrer@gmail.com](mailto:isaiah.rohrer@gmail.com)

🌐 [linkedin.com/in/isaiah-rohrer](https://www.linkedin.com/in/isaiah-rohrer)

🐙 [github.com/theta205](https://github.com/theta205)

## EDUCATION

### Florida State University

Aug. 2023 – Dec. 2026

*Bachelor of Science in Computer Science*

*GPA: 3.87/4.00*

**Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Computer Architecture, Introduction to Artificial Intelligence, Databases

**Honors:** Presidents List (2x), Deans List (2x)

## EXPERIENCE

### Software Engineer

June 2025 – Present

*Self-employed*

*Lancaster, Pennsylvania*

- Designed and built a document automation pipeline to digitize and process physical sales orders for a retail client
- Leveraged Azure AI Document Intelligence to extract structured data from scanned PDFs with **95%+** accuracy
- Integrated output with NetSuite using its API, reducing manual data entry and processing time by **80%**.
- Developed a site with Next.js for the customer to conveniently monitor, track, and approve digitized orders.

## PROJECTS

**Studiz.ai** | *Next.js, TypeScript, AWS, ChromaDB, Python*

May 2025 - Present

- \* Created an AI-powered study web app using **Next.js**, **AWS**, and **FastAPI** to help students effectively study with AI
- \* Built a context-aware **Retrieval-Augmented Generation (RAG)** system integrating file-to-text parsing, chat history, and user queries to generate grounded, accurate responses that relate to users uploaded coursework.
- \* Implemented iCalendar (.ics) functionality for assignment management, enabling users to see assignments from Canvas or their other calendars, improving deadline visibility and time management.
- \* Leveraged **AWS services (S3, DynamoDB, Lambda, API Gateway)** to implement a scalable serverless backend with efficient data handling and API routing, while integrating with Clerk to handle authentication and user profiles.
- \* Maintained actively using AWS Cloudwatch and hosted on Vercel at [www.studz.ai](https://www.studz.ai)

**MyRide.show** | *React, JavaScript*

September 2024

- \* Developed a web app using React for car enthusiasts to display their car's modifications using a link-in-bio like profile
- \* Constructed backend through Cloudflare Workers to get and post profile data when a user's page is loaded or edited.
- \* Implemented Cloudflare KV for profile storage and retrieval, while utilizing Cloudinary's API to manage images.
- \* Developed build and production pipelines through Cloudflare's suite: Wrangler CLI, Cloudflare Functions and Pages
- \* [github.com/theta205/myride](https://github.com/theta205/myride)

**Aggregate Metric ELO Ranking System for League of Legends Esports** | *JavaScript*

October 2023

- \* Built a custom ELO ranking algorithm that parsed **2TB+** of JSON match data across **600+** teams, improving tournament prediction accuracy by **20%**.

**Storm Mode - NextEra Energy Hackathon Second Place Winner**

September 2023

- \* Won **2nd place** at the NextEra Hackathon by building a predictive analytics module for Florida Power & Light's mobile app, providing real-time storm data to customers

## LEADERSHIP

### Association of Computer Machinery

October 2024 – Present

*Weekly LeetCode Workshop Coordinator*

*Tallahassee, Florida*

- \* Restarted ACM's weekly LeetCode Workshops, aimed at educating students on the importance of LeetCode.
- \* Prepared weekly presentations on specific LeetCode problems, comparing brute force and optimized solutions.
- \* Guided participants on how to approach LeetCode problems, including data structure selection, iterative vs. recursive methods, etc.

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, TypeScript, Python

**Technologies/Frameworks:** React, Next.js, FastAPI, REST APIs, AWS, Unix/Linux, SSH, Clerk, RAG, ChromaDB

**Developer Tools:** VS Code, Windsurf, GitHub, Git