AIDEN ALLEN

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EDUCATION

Florida State University

Bachelor's, Computer Science

- Full Stack Development in C#
- Data Science 1 (Graduate Course)
- Artificial Intelligence 1 (Graduate Course)

EXPERIENCE

Young Engineers   **Tallahassee, FL, USA**

Fullstack Developer   *May 2024 - Present*

- Developed a full-stack website using Go, HTML, CSS, JavaScript, and Tailwind CSS.
- Integrated and trained an AI chatbot to answer company-specific questions.
- Created an admin panel for staff to add/manage summer camp projects.
- Built a scalable backend to ensure fast, reliable performance.

AIM HI   **Remote**

Software Engineering Intern   *September 2024 - Present*

- Contributed to the development of AIM HI's website using React, improving user engagement and functionality.
- Played a key role in building AI image generation tools, and enhancing product features and performance.
- Attended strategy meetings, offering valuable insights to guide project direction and implementation.
- Directly communicated with potential customers, gathering feedback and aligning development with user needs.

PROJECTS

Ray Tracer

Sole Developer

- Constructed a Ray Tracer using the C++ Language
- Leveraged knowledge of Vector Algebra in order to calculate ray paths.
- Demonstrated adaptability and ability to learn quickly in tackling new challenges.
- Expanded proficiency in applying mathematical concepts to real-world problems.

Canvas

Sole Developer

- This project represents my endeavor to replicate the renowned grading platform "Canvas"
- While utilizing C# for the backend, I ensured seamless data management via REST API integration
- This comprehensive approach exemplifies my first foray into full-stack development
- Mirror that of platforms serving millions of users, underscoring my ability to tackle large-scale projects effectively.

Meow Chat

Sole Developer

- Engineered a dynamic chat application using a custom tech stack, optimizing real-time communication.
- Developed a high-performance RESTful API in Go, enabling seamless backend functionality.
- Designed and deployed an interactive frontend with Python Flask, integrating HTML, CSS, and JavaScript for a smooth user experience.
- Crafted a robust command-line interface (CLI) in Rust, enhancing user control and accessibility.

VOLUNTEER

- ACM Programming Contest Question Writer
- Metropolitan Ministries

SKILLS

Skills: C/C++, C#, Go, Python, JavaScript, Rust, React.js, Prolog, Unity, MySQL, Data Science, Machine Learning