Nathan Studley

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EDUCATION

University of Massachusetts Amherst, Amherst, MA   Jan 2024
Bachelor of Science in Computer Science   **GPA: 3.725**
Deans List

Relevant Courses: Web Programming, Data Management, AI, Decarbonization & Data Science, Algorithms, Secure Distributed Systems

TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, React, Next.js, TailwindCSS, Python, C, C#, MATLAB, SQL

- **Tools:** Node.js, Git, GitHub, VSCode, PostgreSQL, AWS, MongoDB

- **Certifications:** AWS Cloud Practitioner

PROJECTS

Monolithconcorp.com - *Company Website*   Jan 2024 - Present

- Communicated with the Monolith team to execute the design, development, and deployment of the Monolith Construction Corp.'s company website.

- Front end developed with Next.js and TailwindCSS. Deployed using AWS.

Adventure Generator - *Independent Project*   Nov 2023 - Jan 2024

- A single page web application that integrates database management to generate "adventures" using user input.

- Engineered front-end and UI with generic HTML and CSS for styling, and JavaScript for data handling. Programmed the back-end server with Express.js.

- Application makes use of CRUD operations and MonogDB Atlas database for data storage and manipulation.

EXPERIENCE

Freelance Web Developer   Jan 2024 - Present
Contracted by: Monolith Construction Corp.

- Executed the design, development, and deployment of the company website.

- Integrated Google Workspace as the company's primary collaboration and productivity tool.

AI Trainer   June 2024 - Present
Contracted by: DataAnnotation

- Analyzed and debugged LLM responses to coding related prompts to improve model performance.

- Developed example prompts and then algorithms and solutions to said prompts in a variety of programming languages (Python, TypeScript, SQL, C#, etc.) in order to train AI models.

Teacher's Assistant/Grader   Jan 2022 - May 2022
Embry Riddle Aeronautical University   Daytona, FL

- Provided excellent academic assistance in an introductory computer science course to a class of 30 students.

- Introduced students to the basics of computer programming while providing feedback and debugging student code for class assignments and final projects.

Server   June 2021 - June 2024
Dave's Diner   Middleboro, MA

- Consistently provided excellent customer service in a fast paced and dynamic food service setting.

- Collaborated effectively with other team members to ensure service standards remain consistent.

- Communicated effectively with both staff and customers.