Nathan Studley

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EDUCATION

University of Massachusetts Amherst, Amherst, MA — Dec 2023
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, React/Next.js, HTML/CSS, TailwindCSS, Python, C/C++/C#, MATLAB, SQL

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

- **Certifications:** AWS Cloud Practitioner

PROJECTS

Monolithconcorp.com - *Domain coming soon* — Jan 2024 - Present
Company Website

- Executed the design, development, and deployment of Monolith Construction Corp.'s company website.

- Communicated with the Monolith team to build their vision of the company image.

- Front end developed using HTML, Tailwind CSS and JavaScript. Deployed using AWS services.

Adventure Generator — Nov 2023 - Present
Independent Project

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

- Engineered front-end/UI with JS for data handling and HTML/CSS for styling, programmed the back-end server using JS and implemented MongoDB Atlas database for data retrieval and management.

- Application makes use of CRUD operations to create/delete/track user entries and display them when requested.

EXPERIENCE

Freelance Web Developer — Jan 2023 - Present
Monolith Construction Corp — Lakeville, MA

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

- Oversaw integration of Google Workspace as the companies main collaboration and productivity tool.

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

- Provided excellent academic assistance in an introductory computer engineering 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 - Present
Dave's Diner — Middleboro, MA

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

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

- Communicates effectively with both staff and customers.

Substitute Teacher — Mar 2021 - June 2021
Freetown Lakeville Regional School District — Lakeville, MA

- Served as an on call instructor for middle school and highschool teachers and paraprofessionals.

- Maintained a consistent environment for students in the absence of their educators by following provided lesson plans and adhering to typical classroom standards.