

**Nathan Studley**  
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**Portfolio:** nathanstudley.github.io

## EDUCATION

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University of Massachusetts Amherst, Amherst, MA  
**Bachelor of Science in Computer Science**  
Deans List

Dec 2023  
**GPA: 3.725**

### Relevant Courses:

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

## TECHNICAL SKILLS

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- **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

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**Monolithconcorp.com** - *Domain coming soon*  
*Company Website*

Jan 2024 - Present

- 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

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### Freelance Web Developer

Jan 2023 - Present

*Monolith Construction Corp*

- 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 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.

### 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.