

## Nathan Studley

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<https://www.linkedin.com/in/nathan-studley/>

<https://github.com/NathanStudley>

**Portfolio:** <https://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, HTML/CSS, TailwindCSS, Python, C/C++, MATLAB, Solidity, C#, SQL
- **Tools:** Node.js, Git, GitHub, VSCode, PostgreSQL, AWS, MongoDB, Unity

## PROJECTS

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**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

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**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.