

COLIN WALSH

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EDUCATION

University at Buffalo

Bachelor of Science in Computer Science, Minor in English | GPA: 3.39

Relevant Coursework: Web Applications, Software Quality in Practice, Data Structures

Buffalo, NY

Aug. 2018 – May 2022

EXPERIENCE

Undergraduate Teaching Assistant

University at Buffalo

- Assist in the teaching of Introduction to Computer Science I (CSE115)
- Conduct laboratories for 20-30 students two/three times a week
- Host office hours to assist upwards of 15 students

Aug. 2019 – Present

Buffalo, NY

Software Engineering Intern

Alarm.com

- Developed a web application to display device history graphically.
- Coordinated with software engineers, project management, and UX to facilitate changes.
- Created back-end API unit tests, and front-end acceptance/integration tests.
- Researched, implemented and documented alterations to the build.

May 2021 – July 2021

Virtual / Tysons, VA

PROJECTS

devU | React, TypeScript, Node, Express, Sass

- Contribute to an open source, full-stack web application
- Build new features and develop fixes according to project standards
- File issues and coordinate with project maintainers

July 2021 – Present

Startpage | Next.js, React, JavaScript, HTML/CSS, Git

- Developed a front-end application using the Next.js framework
- Retrieved data from Trello, Weather APIs
- Displayed information relevant to the users current date/time

Dec. 2020

Minecraft Camera (UBHacking 2020) | Python, JavaScript, HTML/CSS, Git

- Transformed the pixels of a users camera to Minecraft blocks
- Compiled color data from >200 block textures
- Manipulated JavaScript canvas to produce needed webcam output changes

Oct. 2020

NewsMood (SteelHacks 2019) | Python, JavaScript, Google Cloud Platform, Flask, HTML/CSS

- Created a full-stack web application with a team of 5
- Analyzed tone of news articles using Google Cloud's Sentiment Analysis
- Utilized Flask to send data to front end to depict visually

Mar. 2019

LEADERSHIP

CSE Peer Mentor

University at Buffalo

- Touch base with 2 new freshman over the course of the semester
- Field questions about coursework and the Computer Science department
- Guide students towards their passions in the field of computer science

Aug. 2020 – Dec. 2020

Buffalo, NY

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C#, Go, Sass, SQL, Handlebars, C, HTML/CSS

Frameworks: React, Ember.js, Node.js, QUnit, Next.js, Flask, CUnit

Developer Tools: Git, Jira, Bitbucket, Docker, GitHub, Visual Studio, VS Code