

Colin Walsh

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EDUCATION

University at Buffalo

Buffalo, NY

Bachelor of Science in Computer Science, Minor in English — GPA: 3.36

Aug. 2018 – May 2022

Relevant Coursework: Algorithms and Complexity, Software Quality in Practice

EXPERIENCE

Undergraduate Teaching Assistant

Aug. 2019 – Present

University at Buffalo

Buffalo, NY

- 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

LEADERSHIP

CSE Peer Mentor

Aug. 2020 – Present

University at Buffalo

Buffalo, NY

- 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

Finance Intern

Sep. 2020 – Present

UB Association for Computing Machinery

Buffalo, NY

- Negotiate with companies to fund club ventures
- Meet with UB administration to address club budget
- Assist the President with creating itineraries for club projects

PROJECTS

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

Dec 2020 – Present

- 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

NewsMood | *Python, JavaScript, Google Cloud Platform, Flask, HTML/CSS*

Mar 2019

- Developed a full-stack web application with a team of 5 for Steelhacks 2019
- Retrieved news articles relevant to a user provided topic
- Analyzed tone of news articles using Google Cloud's Sentiment Analysis
- Utilized Flask to send data to front end to depict visually

Suggestion Box | *Haxe, Haxeflixel*

Mar 2017 – Aug 2017

- Developed a simulation game using the Haxeflixel framework
- Fielded bug reports from users
- Garnered nearly 20k downloads across platforms
- Featured in PC Gamer's "Free Games of the Week"

TECHNICAL SKILLS

Languages: Python, JavaScript, Go, C, SQL (SQLite3, Postgres), HTML/CSS, Make, Scala, Lua

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

Developer Tools: Git, Docker, GitHub, VS Code, Valgrind, Callgrind, IntelliJ,