

# COLIN WALSH

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## EXPERIENCE

### Software Engineer

Jul 2022 – Present

*Alarm.com*

*Tysons, VA*

- Design new services which provide greater visibility and promote user retention
- Scope necessary additions to existing service, integrate with monolithic legacy codebase
- Modernize legacy pages to create parity with mobile application pages / mockups
- Coordinate with management/stakeholders, organize demos/syncs for projects
- Advocate integration of new technology, adoption of better accessibility practices
- Bridge knowledge gaps in legacy services, documented findings

### Undergraduate Teaching Assistant

Aug 2019 – May 2022

*University at Buffalo*

*Buffalo, NY*

- Assisted in the teaching of Introduction to Computer Science I (CSE115)
- Conducted laboratories for 10-30 students two/three times a week
- Guide students through recitation workshops in small classroom settings
- Hosted office hours to assist upwards of 15 students

### Software Engineering Intern

May 2021 – Jul 2021

*Alarm.com*

*Virtual / Tysons, VA*

- 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.

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, C#, Python, SQL, Go, Sass

**Frameworks:** Ember.js, .NET, React, Node.js, QUnit, Next.js, Flask

**Developer Tools:** Git, Jira, Sentry, Bitbucket, SMSS, Docker, Visual Studio

## EDUCATION

### University at Buffalo

Buffalo, NY

*Bachelor of Science in Computer Science, Minor in English | Magna Cum Laude (GPA: 3.5)*

*May 2022*

**Relevant Coursework:** Web Applications, Applied Human Computer Interaction, Data Structures

## PROJECTS

### Crafting Cannon | React, JavaScript, Figma, HTML/CSS

Jan 2022 – May 2022

- Developed the front-end for a platform based around collaborative, community driven writing
- Crafted a responsive site which adheres to WCAG accessibility guidelines
- Conducted Usability and AB tests, and adjusted site according to feedback

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

Dec 2020

- 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

## LEADERSHIP

### CSE Peer Mentor

Aug 2020 – Dec 2020

*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