Alexandra Melvin

she/her | (401) 332-2074 | amelv@protonmail.com | Portfolio | LinkedIn | Github

Software Developer

- **4+ years experience**
- React, Typescript, CSS, PHP, LAMP stack.

Work Experience

Full-Stack Developer | January 2023 to Present

Providence College | Providence, RI

- I develop, design, and maintain **Wordpress** sites for the university's library and other digital projects. My main focus is on **user experience, SEO, accessibility,** and **maintainability**.
- I lead **project planning** and development for greenfield digital projects.
- I consult and collaborate with faculty, staff, and outside project team members.
- I provide system administration to **LAMP (Linux, Apache, MySQL, PHP)** servers.

Front-End Developer | September 2021 to January 2023

Amica Insurance | Lincoln, RI

- Developed new features and enhancements using **React**, **Typescript**, **CSS**.
- Lead development of new customer document uploader, generating a **150%** increase in successful uploads over 3 months. Recognized by **J.D. Power** for improved digital experience.
- Built a **multi-factor** authentication login user interface and enrollment page.

Front-End Developer | May 2019 to September 2021

Joint Quantum Institute | College Park, MD

- Developed a website for teaching quantum physics, including implementation of a responsive and accessible design using **React**, **Gatsby.js, GraphQL**, **HTML**, **CSS**.
- Made significant improvements to load times across devices, and a new search interface among other usability enhancements
- Enhanced the website's **content management system** using **NetlifyCMS**

Education

BS in Computer Science | BA in Philosophy | August 2017 to May 2021

University of Maryland | College Park, MD

- Graduated with Honors, 3.4 GPA
- Honors Thesis: The ethics of software development and artificial intelligence (AI) within the intersection of race, gender, sexuality, and nationality.