

Heather Butterfield



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heatherbutterfield.com/portfolio

Education

Utah Valley University—3.81 GPA

Graduating April 2020 (Senior)

- * Majoring in Software Engineering with a specialization in Web and App Development, minoring in Computer Science and in Digital Media
- * Relevant courses: Algorithms and Data Structures, Web Programming, Software Engineering, Web Tools and Frameworks, Rich Internet Applications, Principles and Patterns of Software Design
- * Skills acquired: JavaScript (Vue), HTML, CSS, C++, Python, C#, Adobe Creative Cloud

Work Experience

Web Developer—FamilySearch

March 2019 — Present

- * I develop front-end web pages that are visually appealing and user friendly.
- * I learned the React framework and am helping transition our current (Native) code to use it.
- * I integrate front-end code to work with several backend systems.
- * I've become familiar with and learned how to adhere to Agile (Scrum) software development practices.

Quality Assurance Engineer Intern/Student Engineer—FamilySearch

May 2018 — March 2019

- * I collaborated with a front-end web development team to ensure the release of a quality product.
- * I've worked with members of several teams to perform integration testing, prepare for major releases, and present demos of the product for upper management.
- * I have learned JavaScript and use it to create automated Protractor tests for several products.
- * I've gained experience with Quality Assurance testing principles and best practices.
- * I started as a temporary intern, and was then hired on part-time as a student engineer.

Math Tutor/Teacher's Aide—Lumen Scholar Institute

March 2017 — April 2018

- * I assisted students with online technology, tutored K-12 students in math, and assisted teachers.
- * I organized curriculum on Canvas, and facilitated live-interactive classroom learning.
- * I taught basic coding skills to elementary school students in a semester-long course.

Service and Leadership

- * Member of the UVU Honors Program
- * Member of the Society of Women Engineers (SWE) — V.P. of Advertising
- * Member of the UVU Developers Club
- * Volunteer at Orem Family Support and Treatment Center

Hobbies and Interests

- * Culinary arts
- * Painting
- * Foreign language (fluent in Spanish)
- * Sports: badminton, ice skating, rock climbing, kickboxing, martial arts
- * Promoting tech education