




Hannah Robertson

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Education

Arizona State University

Bachelor's of Science, Software Engineering, May 2023

Career Goal

Software engineer and full stack web developer with over 3 years experience in app and web development. Specialty is creating custom websites from the ground up, with tailored color palette, fonts, layout and design to customer's request. Proficient in interfacing website back end with REST API and other cloud services.

Work Experience

Freelance Web Developer

August 2024- Current

- ✦ Engineer custom websites using full stack web design, from basic graphic design to custom HTML/CSS/JS implementation to meet client specification
- ✦ Develop interfaces with AWS using AWS Lambda, API Gateway, and RDS to create a custom database editable only by admins
- ✦ Integrate material from legacy site that no longer met owners needs, and transfer web domain to new site
- ✦ Advise customer in host services and setup of host services, as well as liason for owners of site and tech support; act as webmaster to established site
- ✦ Utilize Github to keep track of versioning, Github Pages to preview site for my client, and GoDaddy to host

PC Apps Summer Intern- Pyramid Technologies

May 2023- August 2023

- ✦ Create custom full stack web application using JS/CSS/HTML to access information from a remote database, allow password authenticated admins to modify database
- ✦ Transfer a legacy Flask implementation to AWS backend and hosting, also create application with C# and Appscript collate hardware test results
- ✦ Implement AWS backend, using API Gateway, Lambda, S3, Cognito, Cloudfront, RDS SQL to create REST API and custom login portal
- ✦ Code in C# to develop an application to control proprietary company firmware, and Appscript for compiling test results into Google Sheets
- ✦ Utilize Git and Github for version control, and Jira for ticket management in a Sprint workflow

Capstone Project Developer- ASU Polytechnic University


August 2022- May 2023

- ✦ Collaborate with a team of five using an Agile workflow to create an interactive, educational website for our NASA sponsor about NASA's Psyche Mission to a remote asteroid
- ✦ Create unique website designed to appeal to all audiences, but especially to school-age children, using HTML/CSS/JS to create minigames and engaging kinetic elements
- ✦ Meet biweekly with project owner to show project and receive feedback on our work to date, modify work in accordance with sponsor's wishes
- ✦ Utilize Git and Github for version control and to manage collaborative code base, and Taiga for ticket management in a Sprint workflow

Skills

 Java

 Python

 Javascript

 CSS

 HTML

 C

 C++

 SQL


 Docker


 Git

 Github

 Jira

 Eclipse

 Visual Studio

 Amazon Web Services