Reid J Fuhrman

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EXPERIENCE

Computer Scientist   May 2020 - Present
USAF, 402nd Software Engineering Squadron, **Robins AFB, Warner Robins, GA**

- Catalogue web pages with elements inconsistent with **WCAG 2.0** Success Criterion. Identified pages are updated, improving the site's accessibility rating to Level AA.
- Witness software testing as part of an independent team, verify the processes, note issues and concerns, and collaborate with the team to recommend changes/fixes. This refines existing tests and identifies software bugs.
- Create Excel spreadsheets linking test accounts and Data Files to manual test cases, showing frequency of use and what files are required, which are added to the documentation. Thus improving organization and productivity for the team.
- Regular **Scrum** style standups, sprints, retrospectives, and sprint plannings.

PROJECTS

FreeCodeCamp Nashville Chapter Website   **https://www.nashvillefcc.com/**

- Collaborate weekly with a team of community developers to develop an official website for the FreeCodeCamp Nashville meetup group.
- Implemented a fully responsive footer using **React** and **Tailwindcss** following a design mockup.
- Set up a small **FaunaDB** database to cache events data and reduce calls to an external API.
- Developed a **Netlify** function that pulls events data from the database, and requests new events data from the external API if cached data is expired.
- Implemented a **regular expression** to process RSS data into usable JSON that is displayed on the UI allowing users to see upcoming meetup events.

React Games List   **https://react-games-list.web.app/**

- Created a Single Page Application frontend using **React** and **Tailwindcss**.
- Developed a **Firebase Cloud Function** to interact with the RAWG video game api to allow users to search through an extensive database of video games.
- Set up a **Firebase Realtime** Database so that users can add games to a personal list and give them a rating.
- Site was created using **Mobile first** design and is fully responsive.
- Design mockup created using **Adobe XD**.

SKILLS

Languages	JavaScript, HTML, CSS, SCSS/SASS, Java, C++
Frameworks & Libraries	React.js, Gatsby, Tailwind, Node.js, Express.js, Bootstrap
Tools & Concepts	OOP, MVC, OAuth2, Git, MongoDB, Netlify, FaunaDB, Jira, Figma

EDUCATION & CERTIFICATIONS

Tennessee Technological University   August 2014 - May 2019

- Bachelor of Science in Computer Science

FreeCodeCamp

- FreeCodeCamp Responsive Web Design Certification   November 2019
- FreeCodeCamp JavaScript Data Structures and Algorithms Certification   December 2019