

Reid J Fuhrman

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EXPERIENCE

Computer Scientist

May 2020 - Present

USAF, 402nd Software Engineering Squadron, Robins AFB, Warner Robins, GA

- Catalogued web pages whose elements were inconsistent with **WCAG** Success Criterion. Identified pages were updated, which increased the site's accessibility rating to Level AA.
- Witnessed software testing as part of an independent team, verified the processes, noted issues and concerns, and collaborated with the team to recommend changes/fixes which refined existing tests and identified software bugs.
- Created an Excel spreadsheet linking test accounts and Data Files to manual test cases, showing frequency of use, what files are required, etc. which was added to the documentation and improved efficiency.
- Regular **Scrum** style standups, sprints, retrospectives, and sprint plannings.

PROJECTS

FreeCodeCamp Nashville Chapter Website

<https://fcc-nashville.netlify.app/>

- 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 for 8 hours 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, Java, C++
Frameworks	React.js, Gatsby, Tailwind, Node.js, Express.js, Bootstrap
& Libraries	
Tools	Git, Firebase, Netlify, FaunaDB, Jira

EDUCATION

BS Computer Science

August 2014 - May 2019

Tennessee Technological University, Cookeville, TN 3.0

Certifications

FreeCodeCamp Responsive Web Design Certification November 2019

FreeCodeCamp

FreeCodeCamp JavaScript Data Structures and Algorithms Certification December 2019

FreeCodeCamp