

ZANE PARTAIN

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Education

Washington State University | Aug 2016 - May 2020 | 3.2 GPA

- Bachelor of Science, Computer Science
- Courses: Software Design & Principles, Algorithms, Data Structures, Operating Systems, AI, Security, Networks, Computer Architecture, Automata & Formal Languages

Experience

Front End Developer, Blue Path | October 2019 - Current

- Build, test, and deploy a mobile app modeling blue-path.org on both iOS and Android using React, Redux, and Apache Cordova.
- Being one of two developers on the project I am solely responsible for documentation, planning, prioritizing tasks, meeting deadlines, and managing the project.
- Gained knowledge and tools include React, Redux, Apache Cordova, GitLab, and OAuth.

Software QA Intern, METER Group Inc | May 2019 - October 2019

- Developed automated testing framework that utilizes headless drivers and supports parallel testing with Python, Pytest, Selenium, Paramiko, and Django.
- Gained knowledge and tools include CI/CD, Spira Test, GitLab, Database Architecture, Regression Testing, test automation, issue documentation, and SSHClient.

Projects

Sight Sign Application

- Led a team of 4 engineers through design and development of an application using C#, that allows individuals with ALS to produce a physical signature.

Kickr Web Application

- Developed a social platform for soccer leagues that allows coaches to connect with players, and manage teams using React, and Redux.

EXT2 - File System

- Developed a Linux EXT2 file system along with an interactive shell in C that replicates the core commands and features supported by Linux systems.

Skills

Languages: Python, JavaScript, C, C#, C++, HTML/CSS, SQL

Tools: React, React-Native, Redux, Apache Cordova, Linux, Git, Postman, Scrum (Agile), Nodejs

Programming Concepts: Object Oriented Design, Test Driven Development, Security, Version Control, Database Architecture, Data Abstraction