

Employment

Full Stack Software Engineer I, Gogo Aviation

April 2017- Current

Full Stack Software Engineer II

- Rearchitected and implemented 5 yr old Backbone/Marionette code base into new React/Redux application from scratch.
 - Configuration and deployment of Jest testing suite.
 - Refactored and migrated React application to Redux architecture, including initial setup of store, actions and reducers.
 - Deployed and migrated Webpack 2 to Webpack 4.
 - Configured and implemented application features including Leaflet maps, language internationalization, and weather display
 - Created tests for all related features, redux actions, reducers.
- Replaced all Flash player functionality and integrated new video player into Backbone/Marionette application.
- Organized architecture and code review meetings to ensure code quality and best practices in the React/Redux framework.
- Served as mentor for a summer intern.
- Assisted intern and senior software engineer interviews.
- Ensured all technical requirements were executed through communication with testers and backend developers

Software Engineer Intern, Gogo Aviation

June 2016- January 2017

- Identified and repaired code defects, design styles, and tested code coverage for Backbone/Marionette code base.
- Added features to React Simulator to improve testing capabilities.
 - Simulator features include ability to change data at multiple api endpoints to create a cohesive application testing and visual environment when data changes occur.
- Added Celsius option to backend Java 6 weather service and created according checkbox on Marionette/Backbone Frontend page.
- Created documentation for Java 6 weather service architecture and functionality.

Web Developer/Design Intern, Wagekick

August 2015 - May 2016

- Collaborated with senior engineer
- Developed and implemented weighting algorithms in PHP that identify applicant characteristics.
- Collaborate with a remote designer to create a UI/UX style guide using Balsamic, Sketch, and Photoshop.
- Implemented mockups using JQuery, JavaScript, and PHP with MySQL.

Software Engineering Intern, Rocket Software Scrum Leader

May 2015 - August 2015

- Lead weekly scrums for 3 to 5 software engineering and Q/A leads to monitor branches and content.
- Developed additional functionality for multi-user stress/performance testing tools being used for a major release.
- Created a RESTful SVN trigger, in python, to ensure commit messages adhere to standards.
- Reverse-engineered undocumented >30 year old proprietary codebase and created the missing documentation.

Education

University of Colorado at Boulder - Boulder, CO

Graduated December 2017

BA, Computer Science
Certificate in Technology Arts and Media Program

Stevenson University – Greenspring Valley, MD

August 2012 - May 2014

BA, Computer Information Systems
Honors and Awards: Trustees Scholarship, Deans List

Projects

Viewfinder

September 2018-January 2019

- Worked with a team of remote designers, software engineers to develop a React Native based photography guide
- Created common components, such as modals, for usability across the app

Languages and Tools Used

Proficient:

HTML/CSS/Sass , JavaScript, JQuery, React.js, Redux.js, Node.js
Jest/Enzyme and Chai testing suites
Webpack, REST, Adobe Photoshop,, UI/UX, Git

Familiar/Previous Experience:

Python React Native, Backbone/Marionette, Mocha testing
Django, Cassandra, MySQL, PHP, D3.js, Jenkins