

Aaron Didner

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SKILLS

Front End Web Development: React, Redux, TypeScript, HTML, CSS, JavaScript, SCSS,

Back End Web Development: C#, MySQL, SQL, Python, NodeJS, C++, Java

Mobile Development: React Native, Java, Kotlin

Misc Skills: Git Version Control, Test-Driven Development, UI/UX Design, Agile Development

EXPERIENCE

Associate Software Engineer
Alion Science and Technology

Jul 2020 - Present
Hanover, MD

Working on operator user interface and sensor integration for reconnaissance aircraft.

- *Designed User Interfaces and iterated on said designs with insight from product owner*
- *Implemented User Interface designs in React and TypeScript*
- *Developed parallel processing Orchestrators to parse and reconfigure data in C++*
- *Integrated parsers created by other team members into Orchestrator*

Working on expanding design standards and creating a component library for developers

- *Implemented new reusable components based on our needs in React and TypeScript*
- *Trained teammates in best practices during code reviews and informal conferences*
- *Tested new components extensively*
- *Integrated new testing platforms into existing build system*

Mobile Software Developer & Full Stack Software Developer
Virtual Concierge Service

Sep 2019 - Jul 2020
Corvallis, Oregon

Created a prototype Mobile App in React Native to gauge interest in having Airbnb hosts use Amazon Alexas to help guests troubleshoot problems via an App rather than Web portal.

- *Directed weekly meeting with product owner and backend team*
- *Wrote formal documentation for our application*
- *Designed mockups and iterated on said design as requirements changed*
- *Implemented said mockups in React Native and JavaScript*
- *Launched the mobile application for Android devices*

Created a custom configuration screen to allow hosts to modify their Alexa voice menu trees.

- *Designed mockups for application UI and Entity Relationship Diagrams for SQL design*
- *Iteration on design with product owner*
- *Implemented designs in Angular, C#, and MySql*

Teaching Assistant (TA)
Oregon State University.

Sep 2019 - Dec 2019
Corvallis, OR

Lectured and host office hours to help students internalize their knowledge of Data Structures.

- *Evaluate student assessment (quizzes, tests, and assignments)*
- *Assist students with assignments (including troubleshooting technical bugs)*

Software Development Intern
Pivotal Software, Inc.

Jun 2019 - Sep 2019
San Francisco, CA

Worked on a web app written in Java Spring and ReactJS, applying agile and test-driven development principles to drive best practices.

- *Collaborated to write documentation for 1.10 version of the software*
- *Updated Continuous Integration pipelines*
- *Enhanced backend endpoints to include information for new feature sets*

EDUCATION

B.S. in Computer Science (GPA: 3.92)

Oregon State University

HONORS, AWARDS, AND LEADERSHIP

Honor Roll and Dean's List (Oregon State University)

2016 - 2019

Finley Academic Excellence Scholarship

2016 - 2019

West Coast Swing Club - President

2018 - 2019