

KEVIN J. TURKINGTON

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EXPERIENCE

Nordstrom

Seattle, WA

Software Engineer II

August 2019 - Present

Software Engineer I

June 2018 - August 2019

- Aided in the design and development of full stack applications that improved the customer experience.
- Improved the developer experience by creating new workflow tools and knowledge bases.
- Mentored new engineers by pair programming and familiarizing them with Nordstrom's engineering standards.

Center for Applied Systems and Software

Corvallis, OR

Junior Software Developer

March 2016 - June 2018

- Provided design and test plans on projects for the Oregon Department of Transportation and Smarter Balanced.

EDUCATION

Oregon State University

August 2014 - June 2018

Computer Science, B.S. Major GPA: 3.6

PROJECTS

Nordstrom - Supply Chain Availability (Golang)

2020 - Present

- Refactored, instrumented, and provided integrations for Nordstrom's Canada market. Focused on developing the fulfillment processes of Canadian e-commerce including full-line stores, drop shipping, and warehouses.
- Reduced log capacity by 10% from ~100gb per day to ~90gb using random sampling.

Nordstrom - OneFill (JavaScript/TypeScript)

2018 - 2020

- Aided feature designs of an enterprise NodeJs / React-Native project with the goal of optimizing employee fulfillment process of e-commerce orders.
- Simplified offline data synchronization workflows for fulfillment of e-commerce orders using Redux and Redux-offline.
- Increased load capacity by 50% of our mobile application by integrating virtualized lists.
- Re-configured backend services from JavaScript to TypeScript using Babel and Webpack.

Smarter Balanced - Sample Items Website (TypeScript)

July 2017 - June 2018

- Refactored and added features to the Smarter Balanced websites used by 4700 educators and 6,000,000+ students across the United States to compare individual students' academic performance on a national level.
- Conformed the site to Web Content Accessibility Guidelines 2.0.

NASA University Student Launch Initiative (Python)

September 2017 - June 2018

- Won 6th out of 45 teams overall nationwide, and placed third overall for rover design.
- Led the design and programming of the rover software while also conducted educational outreach sessions with schools.
- Designed CLI wrapper in Python for Pololu Dual MC33926 Motor Driver for Raspberry Pi

World of Addons (JavaScript)

2018

- The only open source cross-platform addon manager for World of Warcraft™ built in Electron and React frameworks. Serves as a universal decentralized software distribution proof of concept.
- Implemented Clean and Hexagonal architecture patterns.

SKILLS & COURSEWORK

Programming Languages JavaScript, TypeScript, Golang

Frameworks & Tools Gomega, Ginkgo, React, React-Native, NodeJs, JestJs, Docker, Kubernetes

Coursework Cloud Application Development, Web & Mobile Development, Data Structures, Operating Systems I & II, Fundamentals of Software Engineering I & II, Theory of Computation