

Alyssa Comstock

Software Engineer

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Professional Experience

Trimble, Viewpoint – Portland, Oregon

Jan 2023 - Current

Software Engineer

- Developed and maintained user interfaces using React.js and Typescript.
- Designed and Implemented API Endpoints for a gRPC-style API architecture using C#.
- Created and maintained detailed design documentation for front-end features in close collaboration with QA and UX teams to create higher quality features.
- Contributed to full-stack development by supporting both front-end and back-end.
- Built MongoDB data transformations in order to update schema versioning.
- Wrote and maintained Unit tests for Databricks transformation pipelines to improve test coverage and reliability

Trimble, Viewpoint – Portland, Oregon

Jun 2022 - Sep 2022

Software Development Engineer Intern

- Worked on both front-end and back-end features in Angular, Typescript, and C#
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Career Projects

Trimble Service Hub

Trimble, Viewpoint - 2024 - Current

- Worked in collaboration with a distributed team to start the new Trimble Service Hub product.

Work Center Announcement System

Trimble, Viewpoint - 2023

- Created the front-end for the announcement system in the Trimble Work Center included an audit table, an announcement creator, and an announcement preview system.

Human Resources Management Audit Log

Trimble, Viewpoint - 2022

- Created the front-end and back-end for the audit history log for the Human Resources Management system in collaboration with another intern.
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Skills

Languages, Libraries, and Frameworks - TypeScript, React, JavaScript, Node.JS, HTML, CSS, RESTful API, gRPC API, C, C++, C#, Python, Express.JS, jQuery, SQL, .NET, ASP.NET, Angular, Axios

Databases and Admin - MongoDB, MySQL, Relational Databases, Bash Scripting, NoSQL, AWS

Tools and Platforms - Vim, Windows Visual Studio, GitHub, Git, NPM, Postman, Insomnia, PyCharm, Hyper Terminal, Linux, Ubuntu Linux, Linux Console, Figma, Miro, Docker, MySQL Server

Education

Oregon State University – Corvallis, Oregon

Aug 2020 - Dec 2022

Bachelor of Science in Computer Science

- GPA: 3.76

Portland State University – Portland, Oregon

Sep 2013 - Aug 2019

Bachelor of Science in Mathematics

- GPA: 3.13