



Matthew Munson

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Profile

I'm a driven and hard working developer seeking a career in software engineering. I'm passionate about automating workflows, writing clean and reusable code, and working on projects related to sustainable energy. I enjoy building tools and libraries for other engineers to use and learning about design patterns and other programming best practices.

Education

- Master's of Science in Software Engineering - University of Washington Bothell
Expected June 2023
- Bachelor of Science in Software Engineering – University of Washington Bothell
Graduated Aug. 2020
- Bachelor of Science in Mechanical Engineering – University of Washington Bothell
Graduated Aug. 2020

Experience

SOFTWARE ENGINEER, AVALARA –JUNE. 2021 - JAN. 2023

Led a team of five software developers to implement a service for automatically detecting and resolving customer data problems. Translated business requirements into epics, sprint plans, and individual tickets as scrum lead. Communicated with stakeholders including management, outside teams, and software architects to ensure that the service met all requirements.

Implemented backend support for new types of products. Automated manual processes to save time and reduce the potential for errors. Created frontend dashboards to assist the sales team in visualizing customer information. Onboarded new team members and revamped training material.

GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF WASHINGTON – DECEMBER.2020 - JUNE 2021

Contributed to the Augmented Space Library: A Unity-based networked environment for desktop, Android, and virtual reality devices. Implemented video streaming from an Android device's camera to all connected network devices. Instructed undergraduate students on how to use the library, identified confusing or error-prone constructs, and improved them based on student feedback.

GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF WASHINGTON – JUNE.2020 - DECEMBER 2020

Analyzed acoustic data recorded off the Oregon and Washington coasts. Created Python programs capable of processing terabytes of data. Operated in a cloud environment using Microsoft Azure.

Skills

Python, Typescript, Java, C++, and MySQL. React, Node.js, AWS, Git, SumoLogic. Strong written and verbal communication skills. Experienced leading groups of developers, planning work, and promoting agile practices.