

Sean Reed

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Summary

Computer Science student leveraging 5+ years of teaching experience to bring strong problem-solving, communication, and analytical skills to development roles. Demonstrated practical programming expertise through multiple production-ready applications, including a Django-based inventory management system. Seeking a Software Engineering position to apply my technical skills and passion for continuous learning.

Professional Experience

- Music Instructor | Cappella Music Academy | Tacoma, WA**

Jun 2019 - Present

 - Developed and maintained custom curriculum for 20+ students, achieving 80% long-term retention
 - Created and implemented Student Log CLI application to enhance lesson planning and progress tracking
 - Demonstrated ability to break down complex concepts into understandable components
 - Adapted teaching methods to accommodate diverse learning styles and goals
- Warehouse Manager | Construction Components | Puyallup, WA**

Dec 2018 - Jun 2019

 - Managed inventory logistics and coordinated with installation teams
 - Implemented efficient organizational systems for tracking materials and equipment
 - Collaborated with cross-functional teams to optimize workflow processes
- Lead Barista/Production Asst. | Sisters Coffee Company | Sisters, OR**

Sept 2016 - Apr 2018
- Manager | Woodland Espresso | Puyallup, WA**

Jan 2015 - Sept 2016

Education

- BS in Computer Science**

Expected Dec 2025

Western Governors University
- BA in Business Administration**

Graduated Apr 2014

George Fox University

Technical Skills

- Languages:** C/C++, Python, Rust, JavaScript
- Web Technologies:** HTML/CSS, Bootstrap, Django, Flask
- Databases:** PostgreSQL, SQLite
- Developer Tools:** Git, Vim, Command Line, Linux

Projects

- Student Log CLI Application**

 - Developed a CLI tool in C with SQLite integration for tracking student progress and lesson plans
 - Implemented data persistence and efficient querying for managing student profiles
 - Used modular design principles for maintainable and scalable code
- Inventory Management System**

 - Built and deployed a production-ready web application using Django and PostgreSQL
 - Implemented full CRUD functionality for inventory tracking
 - Designed responsive UI with Bootstrap and custom CSS