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

Data Annotator (self-employed) | DataAnnotation | Remote   **Aug 2024 - Present**
- Write code in C/C++, Python, Rust, JavaScript, and more to create stress tests for LLMs
- Review and refine AI-generated code to ensure technical accuracy and usability
- Provide critical feedback to support ongoing machine learning model improvements

Music Instructor | Cappella Music Academy | Tacoma, WA   **Jun 2019 - Present**
- Provide high-quality music instruction, retaining many current students for more than 4 years
- Break down complex concepts into clear, understandable components
- Adapt teaching methods to accommodate diverse learning styles and individual student 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

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   **Databases:** PostgreSQL, SQLite
Web Technologies: HTML/CSS, Bootstrap, Django, Flask   **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 Python, Django, and PostgreSQL
- Implemented full CRUD functionality for inventory tracking
- Designed responsive UI with Bootstrap and custom CSS