# 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 productionready applications, including a Django-based inventory management system. Seeking the CPU Debugger Software Engineer Intern position to apply my technical skills and passion for continuous learning.

## **Professional Experience**

#### Data Annotator (self-employed) | DataAnnotation | Remote

Aug 2024 - Present

- Systematically compare and analyze outputs from large language models
- Review and refine AI-generated code to ensure technical accuracy and usability
- Write complex code to create stress tests for LLMs

### Music Instructor | Cappella Music Academy | Tacoma, WA

Jun 2019 - Present

- Develop and maintain curricula for 20+ students, achieving 80% long-term retention
- 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
- Collaborated with cross-functional teams to optimize workflow processes

#### **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, Bash, 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, Python, and PostgreSQL
- Implemented full CRUD functionality for inventory tracking
- Designed responsive UI with Bootstrap and custom CSS