Sean Reed

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Summary

Computer Science student making a career change from Music Instruction to Software Engineering. Bringing over 5 years of teaching experience with transferable skills such as problem-solving, communicating complex topics simply, and developing curricula that align with the unique goals of each student. Demonstrating 3 years of programming and development through designing and building multiple projects, including an inventory manager web application with Django, Python, and Postgres currently in production. Seeking an opportunity to learn new things and solve problems as a Software Engineer.

Work Experience

Music Instructor - Cappella Music Academy | Tacoma, WA   **Jun 2019 - Present**

- Provide high-quality music instruction, retaining many current students for more than 4 years.
- Maintain a profile of each student with my Student Log CLI app written with C and sqlite.
- Prepare lesson material for each student according to their needs and interests.
- Research consistently for new pedagogical techniques and tools.

Warehouse Manager - Construction Components | Puyallup, WA   **Dec 2018 - Jun 2019**

- Prepared closet system and garage door components according to the installation schedule.
- Organized inventory coming in and going out and assisted with installation when a job demanded it.

**Maintenance (Project-Based) - Woodland Espresso	Puyallup, WA**	**Apr 2018 - Dec 2018**
**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

Skills

C/C++, Python, Rust, JavaScript, Verilog, Postgres, sqlite, Django, Flask, HTML/CSS, Bootstrap

Certificates

CU Boulder - Algorithms for Searching, Sorting, and Indexing	Feb 2024
UI at Urbana Champaign - Object-Oriented Data Structures and Algorithms in C++	Aug 2023
HarvardX CS50's Introduction to Artificial Intelligence with Python	Aug 2023
HarvardX CS50's Introduction to Computer Science	Dec 2022