Sean Reed

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Summary

Computer Science student and self-taught programmer making a career change from Music Instruction to Software Development. 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 and completing several certified courses. Seeking an opportunity to learn new things and use my self-starter skillset as a Software Engineering Intern.

Education

BS in Computer Science   **2024 - 2026**
Western Governors University

BA in Business Administration   **2010 - 2014**
George Fox University

Work History

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

- Instruct students in guitar, bass guitar, and ukulele at all levels, from novice to advanced.
- Prepare lesson material for each student according to their needs and interests.
- Maintain a profile of each student with my Student Log CLI app written in C.
- Research consistently for new pedagogical techniques and tools.

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

- Prepared jobs on pallets according to the installation schedule.
- Organized inventory coming in and out.
- Assisted with installation when a job demanded it.

Lead Barista/Production Asst. - Sisters Coffee Company | Sisters, OR   **Sept 2016 - Apr 2018**

- Helped customers select coffee beans according to their desired flavor profile.
- Managed a team of baristas, scheduling breaks and delegating tasks.
- Handled the wide range of challenges unique to customer service.
- Taste-tested coffees with the roasting team for quality control.
- Prepared coffee for wholesale and retail delivery.
- Kept track of coffee inventory.

Manager - Woodland Espresso | Puyallup, WA   **Jan 2015 - Sept 2016**

- Developed an inventory tracking system using Google Sheets.
- Implemented the Square Register system in the cafe.
- Planned the shift schedule and hired new baristas.
- Scheduled deliveries to the shop.

Skills

Python, pytorch, Colab, Jupyter, C/C++, Rust, Postgres, sqlite, Django, Flask, JavaScript, HTML/CSS, Bootstrap

Certificates

HarvardX CS50's Introduction to Artificial Intelligence with Python   Aug 2023
HarvardX CS50's Introduction to Computer Science   Dec 2022