Joseph Buchholz

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Portfolio: josephbuchholz.com

Summary of Qualifications

- 6+ years of programming experience
- Acquaintance with developing and designing sizeable software projects
- Proficiency with many languages such as C++, Python, and JavaScript

Education

Bachelor of Science in Computer Science   Expected Graduation: May 2026
Washington State University Pullman   GPA: 4.0

- Relevant Coursework: Software Engineering Principles, Object-Oriented Software Principles, Introduction to SQL, and Programming Language Design

Running Start Program   August 2022 to May 2024
Washington State University Tri-Cities   GPA: 4.0

- Relevant Coursework: Calculus, Advanced Data Structures, Intro to Computer Architecture

Skills

Proficient: C, C++, Python, JavaScript, React, HTML
Some Experience: Django, Tailwind CSS, Kotlin, Jetpack Compose, LaTeX, Emscripten, C#, SQL

Projects

Android/Web Music Application | (*Kotlin, C++, Python, Django, JavaScript, React, ...*)   2021 to Present

- Developed sheet music application for Android using Kotlin and C++ that is over 3 years in the making
- Upgraded to the web using Django and React ending up with a project containing 25,000+ lines of code

Scripture Reference Lookup for Christian Music | (*Django, React, Tailwind CSS*)   2024 to Present

- Produced full-stack web application specializing in the lyrics of Christian music
- Implemented using Django, React, and Tailwind CSS

Video Game Projects | (*C++, Python, GDScript*)   2020 to 2022

- Spent over 200 hours developing many small video game projects using C++, Python, and GDScript
- Collaborated with a friend requiring significant teamwork and organization

Work Experience

Reception Setup/Cleanup   February 2022 to July 2024
Kennewick First United Methodist Church   Part Time

- Aided in setup and cleanup for weddings, funerals, and other receptions, saving my superiors time and energy
- Followed specific instructions for performing other additional jobs as requested

Guitar Teacher   September 2023 to June 2024
Kennewick First United Methodist Church   Part Time

- Taught student guitar and music reading providing for a 100% increase in his musical ability
- Acquired effective communication techniques to teach new skills to others

Volunteer Positions

Youth Group Worship Leader at Kennewick First United Methodist Church   2021 to 2024

- Led worship by singing and accompanying with guitar
- Coordinated a team of musicians, resolving conflict when necessary

Youth Group Service Projects at Kennewick First United Methodist Church   2017 to 2024

- Went on multiple mission trips working hard to help victims of natural disasters, including hanging sheetrock and roofing
- Served as part of a team to help our community resulting in over 100 hours of work