

Marvin Wocheslander

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EDUCATION

Pacific Lutheran University

Bachelor of Science in Computer Science

- GPA: 3.8
- Honors: Dean's List (Fall 2022, Spring 2023)
- Notable courses: Computer Graphics, Databases and Web Programming, Objects and Design, Algorithms, Computer Organization

Tacoma, WA

2022 – 2026

EXPERIENCE

Software Engineer Intern

June 2024 – Aug. 2024

Microsoft

Redmond, WA

- Refactored outdated, broken SQL VDI reference files in C++ to create run-able sample projects, providing users with practical use cases that work out of the box. Published both to the official [SQL Server Samples repository](#) and its respective [Microsoft Learn page](#), serving as the official samples for public use.
- Streamlined and increased the efficiency of crucial tests by designing and developing a new internal library serving as the back-end for SQL data integration in internal testing software.
- Achieved full backward compatibility with Microsoft's previous testing framework, allowing the new solution to act as a seamless drop-in replacement without disrupting existing tests.
- Created new functionalities and compatibility within the testing framework to implement test options crucial for addressing urgent customer issues.
- Responsible for the conceptualization, planning, and execution of the library and an accompanying customer-facing software, currently in development.

Software Engineer Intern

Apr. 2023 – June 2023

Motiveverse Labs

Seattle, WA

- Implemented Google Firebase analytics to track and analyze user habits, enabling data-driven decision-making for enhancing the app's features and user engagement.
- Utilized Flutter framework to develop on multiple platforms, ensuring seamless deployment and compatibility across various platforms, including iOS, Android, and web.

Computer Science Head TA

Sept. 2023 – Present

Pacific Lutheran University

Tacoma, WA

- Assisted in evaluating and grading assignments, providing constructive feedback to students to help them understand and improve their coding and problem-solving skills.
- Collaborated with the course instructor to maintain consistent grading standards and ensure fairness in assessment.

Artist Manager

Nov. 2018 – Present

Self-Employed

Remote

- Connected with multimillion-dollar companies and labels (UMG, Sony, Warner, etc.) for cooperative opportunities.
- Managed social media presence and engagement, ensuring a consistent public image, garnering 18+ million streams on personal music project "sora.wav" while minimizing marketing expenses.

PROJECTS

Catpuccin Steam Deck | CSS/HTML, JSON, CEF Debugger, Git

Aug. 2023 – Oct. 2023

- Leveraged CSS/HTML and JSON to customize an open-source design project for the Steam Deck, providing multiple variants and customizable accent colors.
- Implemented toggleable compatibility with various popular plugins to maintain a cohesive user interface across different user configurations.
- Collaborated with multiple developers to address compatibility challenges and ensure compliance with Catpuccin's UI guidelines.

Wikipedia Game Path Finder | Java, Maven, Jackson, OkHttp, HikariCP, MySQL

May 2023 – July 2023

- Developed a Java project to navigate through Wikipedia pages to find the shortest path between two sites.
- Implemented web scraping capabilities to extract links from each visited page, enabling efficient exploration of interconnected content.
- Enhanced performance with MySQL database for efficient data storage and retrieval.

TECHNICAL SKILLS

Languages: C++, C#, Java, Python, SQL, JavaScript, HTML/CSS

Libraries/Tools/Frameworks: Git, Docker, Maven, React, Node.js, SQL Server

Databases: MySQL, Kusto, MongoDB, Firebase