

Hirbod Hosseini

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SUMMARY OF QUALIFICATIONS

- Accomplished student recognized for exceptional problem-solving skills and technical leadership, underpinned by a strong academic foundation.
- Demonstrated leadership and teamwork by initiating and leading ambitious projects, effectively managing teams, and ensuring careful attention to detail.
- Committed to making significant contributions in collaborative environments, consistently striving to enhance team performance and project outcomes.
- Proficient in multiple programming languages, including Java, Python, C/C++, and SQL, with a history of improving system functionalities and user experiences through various projects.
- Proven ability to work effectively in teams, clearly articulate complex concepts, and contribute to successful project completion.

TECHNICAL SKILLS

Languages: Java, Python, HTML5/CSS, JavaScript, C/C++, SQL, PHP, R.

Developer Tools: Jira, Confluence, Git/BitBucket, Unix/Linux, Postman, Qt, Visual Studio, MySQL.

EDUCATION

Major in Computer Science

University of Western Ontario

London, Ontario

2021 - 2025

- * Engaged member of Western Developer's Society (WDS) and Google Developer Student Club, participating in tech workshops, hackathons, and collaborative projects.

PROJECTS

To-Do List Chrome Extension | *JavaScript, HTML5 & CSS*

July 2024

- * Developed a superhero-themed Chrome extension to manage tasks with priority-based background colors and keyboard shortcuts.

Automatic Instagram Unfollower | *Python*

June 2024

- * Implemented a script to identify and automatically unfollow users who did not reciprocate follows, reducing non-reciprocal connections by 20%.

TA Management System | *SQL*

February 2024

- * Designed and implemented a relational database to manage teaching assistants and their course assignments by utilizing MySQL on a virtual machine environment.

Minesweeper Game | *C++*

January 2024

- * Designed and coded a Minesweeper game clone using C++ with the Qt framework, demonstrating advanced proficiency in object-oriented programming, GUI design, and event-driven programming.

Tweet Sentiment Analysis | *Python*

December 2021

- * Designed a sentiment analysis tool to calculate happiness scores from 4,000+ tweets, efficiently tracking keyword trends resulting in the identification of a 25% increase in positive sentiment in the monitored regions.

Flappy Bird | *Java*

May 2021

- * Developed a Java-based game that simulates the popular game Flappy Bird, demonstrating proficiency in Java Swing, event handling, collision detection and game development concepts.