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, C/C++, JavaScript, React, Node.js, HTML5/CSS, SQL, LaTeX, PHP, R.
Developer Tools: Jira, Confluence, Git/BitBucket, Unix/Linux, Postman, Qt, Visual Studio, MySQL.

Education

Major in Computer Science — London, Ontario
University of Western 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

Personal Website | *React & Node.js* — July 2024

* Designed and developed a personal website using React, CSS Modules, and Context API, effectively showcasing projects and demonstrating advanced front-end development skills.

To-Do List Chrome Extension | *JavaScript, HTML5 & CSS* — July 2024

* Developed a To-Do List Chrome extension with priority-based background colors and keyboard shortcuts, enhancing task management functionality and user experience.

Automatic Instagram Unfollower | *Python* — June 2024

* Implemented a Python script to identify and automatically unfollow users who did not reciprocate follows, effectively managing non-reciprocal connections.

TA Management System | *SQL* — February 2024

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

Minesweeper Game | *C++* — January 2024

* Designed and coded a Minesweeper game clone using C++ and 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.