

# Hirbod Hosseini

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## SUMMARY OF QUALIFICATIONS

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- Accomplished Computer Science student with a proven track record in problem-solving and technical leadership.
- Demonstrated leadership and teamwork by initiating and leading ambitious projects, effectively managing teams, and ensuring careful attention to detail.
- Committed to enhancing team performance and project outcomes through effective collaboration and detailed attention.
- Proficient in Java, Python, C++, and SQL, with extensive experience in developing user-friendly software solutions.
- Proven ability to work effectively in teams, clearly articulate complex concepts, and contribute to successful project completion.

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C/C++, JavaScript, SQL, HTML, SCSS/CSS, PHP, R.

**Frameworks and Libraries:** React, Node.js, Qt.

**Developer Tools:** Jira, Confluence, Git/BitBucket, Unix/Linux, Postman, Visual Studio, MySQL, L<sup>A</sup>T<sub>E</sub>X.

## EDUCATION

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**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

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**Personal Website** | *ReactJS, Node.js & SCSS*

July 2024

- \* Implemented responsive design techniques to ensure optimal user experience across various devices and screen sizes.
- \* Deployed on a [custom domain](#) using Github and Netlify, ensuring seamless rebuilding with latest commits.

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

July 2024

- \* Utilized local storage for persistent data retention, allowing users to save tasks and notes between browser sessions.
- \* Added customizable themes to cater to user preferences and improve accessibility.

**Automatic Instagram Unfollower** | *Python*

June 2024

- \* Implemented an automated Python script to manage Instagram connections by identifying and unfollowing non-reciprocal followers, utilizes libraries such as ensta and ffmpeg.
- \* Included error handling and logging features to track script performance and issues.

**TA Management System** | *SQL*

February 2024

- \* Implemented a relational database using MySQL and deployed on a virtual machine.
- \* Developed complex SQL queries to generate detailed reports on TA assignments, availability, and workload distribution.

**Minesweeper Game** | *C++*

January 2024

- \* Developed a Minesweeper game clone using C++ and the Qt framework, focusing on object-oriented design and event-driven programming.
- \* Applied design patterns such as MVC (Model-View-Controller) to separate game logic from UI components, promoting maintainability.

**Tweet Sentiment Analysis** | *Python*

December 2021

- \* Built a sentiment analysis tool in Python to evaluate the sentiment of over 4,000 tweets.