# Hirbod Hosseini

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## SUMMARY OF QUALIFICATIONS

- Accomplished Computer Science student with hands-on experience with software development and automation in a professional setting.
- Proficient in building and automating testing pipelines, with expertise in Playwright, GitHub Actions, and Continuous Integration (CI) to improve software quality and streamline deployments.
- Strong skills in Java, Python, C++, SQL, and front-end technologies, with practical experience in full-stack development across various software engineering projects.
- Proven ability to take initiative and adapt in fast-paced environments, delivering high-quality, scalable solutions in both automated testing frameworks and full-stack applications under tight deadlines.

## EXPERIENCE

**Software Engineer (Intern)** <span style="float:right">Remote</span>

*Golf 918 Systems* <span style="float:right">*Sep 2024 - Present*</span>

- Working on a continuous integration (CI) pipeline, improving testing efficiency and reducing manual intervention.
- Created, monitored, and maintained Playwright test scripts, identifying and resolving errors and timeouts to ensure smooth testing.
- Implemented testing automation using GitHub Actions, reducing manual testing time and ensuring consistent test execution across environments..

## TECHNICAL SKILLS

**Programming Languages**: Java, Python, C/C++, JavaScript/TypeScript, SQL, HTML/CSS, PHP, R.
**Frameworks, Methods and Libraries**: React JS, Node.js, Tailwind, Playwright, Qt, Agile.
**Developer Tools**: Jira, Confluence, Git/BitBucket, GitHub Actions, Postman, MySQL, LaTeX.

## EDUCATION

**Major in Computer Science** <span style="float:right">London, Ontario</span>

*University of Western Ontario* <span style="float:right">*2021 - 2025*</span>

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

## PERSONAL PROJECTS

**Personal Website** | *React JS, Node.js & SCSS* <span style="float:right">July 2024</span>

- 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 the latest commits.

**To-Do List Chrome Extension** | *JavaScript, HTML5 & CSS* <span style="float:right">July 2024</span>

- Utilized local storage for persistent data retention, allowing users to save tasks and notes.
- Added customizable themes to enhance user satisfaction and accessibility.

**Automatic Instagram Unfollower** | *Python* <span style="float:right">June 2024</span>

- Coded 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* <span style="float:right">February 2024</span>

- Built 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.