Hirbod Hosseini

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SUMMARY OF QUALIFICATIONS

- Driven Computer Science student with hands-on experience in software development within a professional setting.
- Skilled in designing and automating testing pipelines, with expertise in Playwright, GitHub Actions, and CI/CD to enhance software quality and accelerate deployment processes.
- Proficient in Java, Python, C/C++, SQL, and front-end technologies, with practical experience in full-stack development across diverse software engineering projects.
- Demonstrated ability to take initiative and adapt within fast-paced settings, consistently delivering high-quality, scalable solutions in automated testing and full-stack applications under tight deadlines.

EXPERIENCE

Software Engineer (Intern) — Remote
Golf 918 Systems — *Sep 2024 - Present*

- Engineered and streamlined CI/CD pipelines to automate testing for React and Node.js microservices, reducing deployment time by leveraging GitHub Actions.
- Authored and maintained robust Playwright test scripts with complex assertion logic, ensuring reliable end-to-end test coverage and minimizing manual QA effort.
- Optimized testing configuration for multi-environment compatibility and parallel execution, achieving a 30% reduction in testing cycle time.

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 — 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.

PERSONAL PROJECTS

Personal Website | *React JS, 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 the 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.
- Added customizable themes to enhance user satisfaction and accessibility.

Automatic Instagram Unfollower | *Python* — June 2024

- 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 | *MySQL* — February 2024

- 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.