Hirbod Hosseini

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SUMMARY OF QUALIFICATIONS

- Software developer with hands-on experience in a professional setting, contributing to real-world projects in a collaborative environment.
- Proven ability to tackle complex problems by analyzing requirements and implementing efficient solutions.
- Demonstrated ability to take initiative and adapt within fast-paced settings, delivering reliable solutions while balancing competing deadlines.
- Proficient in developing and deploying automated testing pipelines for React web applications, driving significant bug reduction, accelerating release cycles, and enhancing product stability and reliability.

EXPERIENCE

Software Engineer (Intern) <div align="right">Remote</div>
Golf 918 Systems <div align="right">*Sep 2024 - Dec 2024*</div>

  ∗ Led the design and enhancement of CI/CD pipelines to automate testing for React and Node.js applications, optimizing deployment workflows and ensuring seamless integration..
  ∗ Integrated GitHub Actions and Playwright to develop end-to-end testing frameworks with advanced assertion logic, ensuring broad test coverage and cross-environment compatibility.
  ∗ Reduced testing cycle times by 30%, streamlining QA processes and significantly accelerating deployments while enhancing overall software reliability and performance.

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, GitHub/BitBucket, Postman, MySQL, LaTeX.

EDUCATION

Major in Computer Science <div align="right">London, Ontario</div>
University of Western Ontario <div align="right">*Fall 2021 - Winter 2025*</div>

PERSONAL PROJECTS

Personal Website | *React JS, Node.js & SCSS* <div align="right">July 2024</div>

  ∗ Built a responsive React-based personal website, optimizing for mobile and desktop views to enhance usability and accessibility.
  ∗ Deployed on a custom domain using Github and Netlify, ensuring seamless rebuilding with the latest commits.

To-Do List Chrome Extension | *JavaScript, HTML5 & CSS* <div align="right">July 2024</div>

  ∗ Developed a Chrome extension using JavaScript, leveraging Local Storage API for persistent task and note-saving functionality.

Automatic Instagram Unfollower | *Python* <div align="right">June 2024</div>

  ∗ Created a Python script to automate Instagram account management, using libraries like Instapy and Selenium to identify and unfollow non-reciprocal followers.
  ∗ Integrated error handling and detailed logging, improving script reliability and enabling easy performance monitoring.

TA Management System | *MySQL* <div align="right">February 2024</div>

  ∗ Built a relational database using MySQL and deployed on %virtual machine.
  ∗ Developed complex SQL queries to generate detailed reports on %TA assignments, availability, and workload distribution.