Huy Tran (Max)

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OBJECTIVE

I am a post-graduate student with experience in Web Development and Test Automation. I am seeking for full-time and co-op opportunities starting Fall 2023.

EDUCATION

Fanshawe College   **London, ON**
Post-graduate certificate in Mobile Application Development   September 2022 – Present

Worcester Polytechnic Institute (WPI)   **Worcester, MA, USA**
Bachelor of Science in Computer Science, Graduated with Distinction   August 2014 – May 2018

EMPLOYMENT

Software Engineer   **August 2019 - August 2022**
Got It AI   Hanoi, Vietnam
- Developed visualizations and analytics dashboard for the main A.I. product
- Designed unit and integration tests and achieved 90% code coverage
- Implemented a monitoring and logging system to verify business impact features periodically
- Supervised and mentored Test Automation team interns and wrote training documents
- Technology stack: JavaScript/TypeScript, React, D3, Cypress, Selenium, AWS

Software Engineer in Test   **July 2018 - June 2019**
Immune Tolerance Network - Massachusetts General Hospital   Bethesda, MD, USA
- Reduced manual testing effort by 80% by implementing a Selenium test suite to verify main features of a web application publishing medical studies
- Wrote Java program to test and scrape over 1000 reports and datasets across 50 studies
- Implemented continuous delivery pipeline to run the test suite when deploying new features
- Technology stack: Java, Selenium, Cucumber, Jenkins

ADDITIONAL EXPERIENCE

Freelance Web Developer - Power in Aging   **September 2022 - Present**
Design and build a mobile-friendly WordPress site using Elementor and MemberPress for a small business

Peer Tutor - Fanshawe School of Technology   **September 2022 - Present**
Assist other students in programming classes such as Web Development and Data Structures and Algorithms

SOFTWARE PROJECTS

Adversary Drugs Interaction via Visual Analysis   **August 2017 - June 2018**
WPI Major Qualifying Project (MQP)   Worcester, MA, USA
- Designed and implemented a visual analytics system to visualize adversary interactions of two or more drugs, among over 200 drugs. This data was mined by processing more than one million reports to adverse drug reactions gathered annually by the U.S. Food and Drug Administration (FDA)
- Technology stack: React, D3, TypeScript, NodeJS, Java

Beecology Mobile Application   **November 2017 - June 2018**
WPI Biology - Computer Science Beecology Research Group   Worcester, MA, USA
- Designed and developed a web-based mobile version of an existing Android application
- Implemented offline capability and improved loading speed under poor network conditions
- Improved user flow by reducing the number of page transitions between views by 30%
- Technology Stack: Angular, Material Design, TypeScript, Google Maps API, Service Worker API

PROGRAMMING SKILLS

Languages: JavaScript, Typescript, C/C++, Python, Java

Technologies: React, NodeJS, Selenium, Cucumber, Behave, Cypress, Webpack, D3, WordPress

Tools: Git, GitHub, Postman, Sketch, Jira, Coda, Figma