TIFFANY TRAN

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Skills

Languages: Java, Python, Kotlin, HTML/CSS, JavaScript, PHP, SQL
Technologies: React, Django, Git, Spring Boot, Selenium WebDriver, Microsoft SQL Server

Professional Experience

Software Developer | Royal Bank of Canada   *May 2022 – Aug. 2022*
- Developed a ticketing system web application for the IT Risk Tech Strategy & Data Analytics team to streamline the process of ticket submission and assignment from two applications into a one-stop portal
- Completed full-stack development of the web application using the Django framework, Python, Microsoft SQL Server, HTML/CSS (Bootstrap), and JavaScript (jQuery)

Mobile and Web Application Developer | Environment Canada   *May 2021 – Aug. 2021*
- Developed a component of the CAPMoN Laboratory Information Management System that processes air and precipitation samples taken from monitoring sites across Canada, using HTML/CSS, JavaScript, jQuery, PHP, AJAX, and SQL (MS SQL Server)
- Programmed a feature for an Android mobile app that allows site operators to send a request to replenish work supplies based on location and type of measurement site, using Kotlin and Android Studio
- Worked independently to implement the components according to client requirements and system specification for both projects and provided detailed progress reports to supervisors on a weekly basis

Jr. Technical Analyst | Ministry of Transportation   *Sep. 2020 – Apr. 2021*
- Updated and maintained a Java program used to populate database tables by consolidating financial data from multiple revenue sources for a Revenue Management ETL project
- Coded regression tests using Java and Selenium WebDriver to automate the process of testing for bugs in the Ontario Driver Certification Program and Mandatory Entry Level Training web applications

Education

Bachelor of Science | Computer Science Co-op program   *Sep. 2018 – Apr. 2023*
Toronto Metropolitan University (formerly Ryerson University)

Key areas of study:

- **Web development** – client-side and server-side tools for web development such as Angular, Django, JavaScript, JSON, jQuery, Bootstrap, PHP, Microsoft SQL Server

- **Software engineering** – software development life cycle (SDLC) with a focus on Agile methodology, group projects to simulate the SDLC, and experience with requirements gathering and specification, architecture design, domain and system modelling, implementation, and testing