

Celine Tran

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Education

University of Waterloo, BSc. Honors Mechatronics Engineering
Minor in Computing

Sept. 2018 - June 2023

Skills

Languages: Python, Java, C#, HTML, CSS, Javascript, SQL

Tools: Django, .Net Framework, Spring Boot, Selenium, Robot Framework, React, JQuery, SASS, Git, Jira

Work Experience

Full Stack Developer, Alcumus

May 2022 - Aug. 2022

- Developed an API using .Net Web API to monitor the health of the components of a .NET MVC application
- Increased data integrity in web forms by implementing data validation in .NET Framework and Angular
- Resolved server-side and client-side issues using ASP.NET Framework and Angular

Java Developer, Paramount Commerce

Sept. 2021- Dec. 2021

- Increased unit test coverage from 50% to 94% for a MVC Spring Boot application using Junit5, and Mockito
- Implemented logging into microservices using LogBack for DataDog monitoring
- Modified a Postgres database using Liquibase and SQL
- Implemented messaging queues between microservices using RabbitMQ

Software Developer in Test, Telus Heath

Jan 2021.- Apr. 2021

- Created 102 automated test cases for a Java window application using Robot Framework, Selenium and Python3
- Maintained 812 automated test suite run for the PS Suite using Jenkins
- Fixed test case failures and increased performance of test suites by 75% using Robot Framework, Python3, and Froglogic Squish

Quality Assurance, Ritual Co.

Sept. 2019 - Dec. 2019

- Planned, executed, and documented functional and regression test cases for mobile and web application
- Automated UI testing for web applications using Robot Framework
- Tested REST API endpoints using Charles Proxy and Postman

Software Developer, ShopEdge

Jan. 2019. - Apr. 2019

- Created SSRS, Crystal Reports and related queries using Microsoft SQL Server
- Created, modified, and tested components of an Android application using Java
- Modified and created new visual components to a desktop application using .NET Framework

Projects

Twitter Clone

Sept 2023

- Created a twitter clone that performed CRUD action on user profiles and posts using Django
- Implement Twitter-like user interface using HTML, CSS, and JQuery

Workout Watcher, 4th Year Capstone Project

Sept. 2022 - Mar. 2023

- Created a smart yoga mat that can correct a user's yoga pose using a Raspberry Pi and pressure sensors
- Processed sensor data to distinguish between unique poses using Python and OpenCV

Ritual Rewind, Ritual Co Hackathon 2019

Dec. 2019

- Lead a team in designing and developing an interaction application to show summary of user's usage of Ritual
- Created an interactive multi-page website with animations to summarize user's usage of the app using React