

# Celine Tran

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## Education

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**University of Waterloo**, BSc. Honors Mechatronics Engineering Sept. 2018 - June 2023  
Minor in Computing and Management Science

## Work Experience

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**Full Stack Developer**, Alcumus May 2022 - Aug. 2022

- Collaborated closely with QA and Customer Success team to ensure successful onboarding of new clients in resolving software issues related to their SaaS subscription
- Designed and implemented new health check API endpoint using the .NET Framework for real-time insights into the system status and enabling proactive issue identification
- Created new database model using Entity Framework to implement new form feature

**Java Developer**, Paramount Commerce Sept. 2021- Dec. 2021

- Increased testing coverage of a critical financial transaction microservice from 50% to 94% using JUnit, WireMock, and Mockito
- Implemented and tested RabbitMQ message queues dedicated to handling crucial information related to user transaction history
- Designed and implemented comprehensive API endpoint documentation using OpenAPI standards and Swagger

**Software Engineer in Test**, Telus Heath Jan 2021.- Apr. 2021

- Created and maintained over 100 new test cases for comprehensive UI and functional testing of an EMR
- Took the initiative to lead a critical optimization project that reduced the run time by 75%
- Collaborated with engineering and product team to ensure full coverage of new features and releases for every 2 week sprint

**Software Engineer in Test**, Ritual Co. Sept. 2019 - Dec. 2019

- Collaborated closely with developers, and product owners to understand user stories, acceptance criteria, and overall project requirements
- Planned, executed, and documented manual functional and regression test cases for mobile and web application using tools such as Postman, Charles Proxy, GCP, and Testrail
- Led initiative in tracking and organizing resources shared by the QA and engineering team to increase productivity

**Software Developer**, ShopEdge Jan. 2019. - Apr. 2019

- Communicated with clients to facilitate troubleshooting and new feature request
- Designed and implemented views and stored procedures in MS SQL Server used to generate reports for clients
- Implemented a new reporting feature using .NET Framework for the desktop application and Java from the Android application for an ERP

## Projects

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**Twitter Clone** | *Django, HTML, CSS, JQuery* [https://github.com/CelineTrann/twitter\\_clone](https://github.com/CelineTrann/twitter_clone)

**Workout Watcher, the Smart Yoga Mat** | *Python, OpenCV, Raspberry Pi, Pressure Sensors*  
[https://celinettrann.github.io/Capstone\\_Website/](https://celinettrann.github.io/Capstone_Website/)

## Skills

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

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