

Quang-Tri Do

Employment

Distributel Ottawa
Software Developer (Full-Time) Feb. 2020 to Current

- Implemented features and bugfixes in C# for Distributel's flagship application used by thousands of clients
- Collaborated on a major redesign of switch provisioning which replaced outdated internal applications and simplified system architecture
- Promoted the introduction of modern build and deployment practices such as containerization, centralized logging, and CI/CD pipeline
- System owner of three internal applications, handling bugfixes and support for each application
- Composed unit tests for over 40 REST endpoints using C# and xUnit

BluWave-ai Ottawa
Software Developer (CO-OP) May 2019 to Aug. 2019

- Developed backend services consisting of distributed systems, datastores, and fault tolerance in Python and Go
- Designed data collection service with high availability, fault monitoring, and log rotation with expected availability of 95%
- Implemented Azure Edge module used to interface with a city's SCADA system, as well as being integrated with our configuration model
- Collaborated in the development of REST API written in Go covering over 40 endpoints
- Validated and wrote unit tests for backend services written in Go and Python with code coverage of over 90% of the REST API's endpoints

Ford Motor Company Ottawa
Testing Automation Tools Developer (CO-OP) May 2018 to Aug. 2018

- Expanded automated test execution and results analysis, tripling the number of tests executed
- Maintained automated test framework, tools, and test scripts using Python
- Tripled the number of test infotainment systems in their lab environment
- Interfaced with development and engineering teams to identify issues and validate fixes

Canada Revenue Agency Ottawa
Java Developer (CO -OP) Sept. 2017 to Dec. 2017

- Co-ordinated in code reviews with several developers which helped improve knowledge of Java and Model-View-Controller principles
- Developed features for user stories to fix issues in a large-scale Java application consisting of 3 teams
- Designed acceptance tests using the FitNesse framework

Projects

BusTexter

A Python application using Google Maps and Google Mail API that mobile users can use to receive directions via bus to a destination.

Automify - 2nd Place at Hacking the Future of Work

Chrome web extension that gives insight, using a provided dataset, on the potential of automating a job in the future. Industry specialists and stakeholders nominated our group to present our project to the Trilateral Commission.

Pocket Space - Hack the North 2019

Web application to display a customizable profile page in augmented reality through a phone's camera, similar to Myspace. Built in 48 hours.

Personal Website

A responsive website to showcase resume: <https://qtrido.com>

Contact

✉ qtrido@gmail.com

🌐 <https://qtrido.com>

in <https://ca.linkedin.com/in/qtrido>

📍 Roswellt

Education

University of Ottawa ·
Sept. 2015 to Dec. 2019
BASc in Software Engineering
Magna cum laude

Skills

LANGUAGES

C#
Python
Java
HTML/CSS
Golang
Javascript

FRAMEWORKS

Microsoft .Net
ASP.Net
Bootstrap
React
jQuery

TOOLS AND OTHER TECHNOLOGIES

Git
Jenkins
MySQL/Postgres
Docker
Microsoft Azure
Tomcat
Elasticsearch
Google Cloud Platform