Jayden Arquelada

jayarquelada@gmail.com   647-268-0248

Github: datrueonejay
Website: jayquelada.com
LinkedIn: linkedin.com/in/jayquelada

Programming and Tools

Knowledgeable
JavaScript (React, React Native, Node.js & Express.js), Python, SQL, Docker, Git, JIRA, Confluence

Intermediate
C, Java, Android, Caching (Redis), NoSQL (MongoDB), Cloud Computing

Basic Understanding
Kubernetes, Dart (Flutter), Angular (Ionic)

Skills

Microservice Architecture

RESTful Design

Agile (Scrum) Methodology

Ability to learn quickly

Keen eye for detail

Strong collaboration and communication skills

Prepared to work in a fast-paced atmosphere

Education

University of Toronto
Honours Bachelor of Science, Computer Science

Software Engineer Specialist

Graduated June 2020

CGPA of 3.79/4.00

Experience

Teaching Assistant   Fall 2018 & 2019, January 2020 - Present
University of Toronto –
Introduction To Computer Science (CSCA08) & Operating Systems (CSCC69)
- Helped a class of over 75 students understand core concepts and work through worksheets related to course concepts weekly
- Held in person and online office hours to provide additional assistance for coursework, understanding course materials, and preparation for tests

Co-op Software Engineer   May 2019 – August 2019
Architech
- Worked on a conversational project using Google Dialogflow, Google Actions, Firebase (Cloud Firestore & Cloud Functions), and Node.js
- Researched platforms and tools, including cross platform mobile development (Flutter, React Native, & Ionic), as well as Docker and Kubernetes, preparing applications and technical papers for the company
- Developed and demoed a machine learning proof of concept (scikit-learn and SciPy) to predict the most efficient configuration of a production line

Co-op Automation Developer   September 2017 – April 2018
Fleet Complete
- Automated and executed front end Android, iOS, web and unit tests, using automation frameworks such as Xamarin UI test and Selenium, reducing the amount of manual testing required before releases
- Developed integration tests for API end points, ensuring new deployments did not break existing API's, and broken end points could be easily found

Projects

Instant Indulgence - https://github.com/datrueonejay/InstantIndulgence
- Developing a Google Assistant application, that is used to find different food places near you, based on selected cuisines
- Using technologies including Google Dialogflow, Firebase, and Node.js

Code-llaborate - https://github.com/datrueonejay/code-llaborate
- Worked within a team of 3 to help develop a web application that allows users to collectively edit, view, and run python code
- Used technologies and protocols such as React, Node.js, MySQL, WebSocket for development, and Docker and AWS for deployment

Reports Workbench - https://github.com/datrueonejay/ReportsWorkbench
- Worked with Java, Node.js, and MongoDB to help develop an application for school that parses excel files, uploads data, and generates reports
- Communicated with clients, completing the project within 3 months; with consistent feedback I helped ensure the product matched expectations