# Jayden Arquelada

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## Programming and Tools

**Knowledgeable**

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

**Intermediate**

C, Android Development, Caching (Redis), NoSQL (MongoDB)

**Basic Understanding**

Cloud Computing, 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

datrueonejay committed on June 11, 2020