

# Jayden Arquelada

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## Programming and Tools

### Knowledgeable

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

### Intermediate

Docker, C, Android Development

### Basic Understanding

Cloud Computing, Kubernetes, Dart (Flutter), Angular (Ionic), NoSQL (MongoDB)

## Skills

Object Oriented Design

Ability to learn quickly

Keen eye for detail

Excellent organizational skills

Effective communication skills

Strong collaboration skills

Prepared to work in a fast-paced atmosphere

## Education

### University of Toronto

Candidate for H.B.Sc. in Computer Science, Software Engineer Specialist

September 2016 –  
Expected 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
- Built and deployed a proof of concept, using machine learning (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

- 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-Illaborate

- 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

- 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