

Jayden Arquelada

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Programming and Tools

Knowledgeable

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

Intermediate

Docker, Kubernetes, C, Android Development

Basic Understanding

Cloud Computing, 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 2020

CGPA of 3.80/4.00

Experience

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
- Worked on a web application for the company's 15-year event to capture user responses in an application built with Node.js, React, and MongoDB
- Built and deployed a proof of concept, using machine learning (scikit-learn and SciPy) to predict the most efficient configuration of a production line

Teaching Assistant

September 2018 – December 2018

University of Toronto – Introduction To Computer Science (CSCA08)

- Helped a class of over 75 students understand core concepts and work through worksheets related to course concepts weekly
- Held office hours to provide additional assistance for coursework, understanding course materials, and preparation for tests

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
- Demonstrated ability to collaborate well with my team, practicing scrum methodology, ensuring quality work was delivered after each sprint

Projects

Dinder Mobile Application

- Developing a mobile application with a partner, that is used to find different food places near you, based on selected cuisines
- Working with React Native, Node.js, Redux and Zomato API

Reports Workbench Application

- 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 and gathered user requirements, completing the project within 3 months; with consistent feedback I helped ensure the final product matched client expectations
- Collaborated within a team of 5 following scrum methodology, creating backlogs, user stories, weekly sprints, and participating in code reviews