

Brian Lee

Systems Design Engineering | (416)-436-7674 | bj22lee@edu.uwaterloo.ca | GitHub:brnjlee

Technical Skills

Languages: Python, C++, Java, Javascript, Swift, HTML5, CSS3, SQL

Frameworks/Databases: Flask, Django, React, ThreeJS/WebGL, Bootstrap, jQuery, MySQL, MongoDB

Technologies: Jira, Git, Postman, Selenium, TestNG, Blender

Experience

QA Automation Engineer - Q4 Inc.

Toronto, ON January 2018 - April 2018

- Responsible as the primary QA engineer for testing all web SaaS products working with tools such as Postman, Selenium, and SQL
- Automated regression testing for web products using Selenium, Java, and TestNG
- Created automated test suites for the product's front end and REST APIs increasing the testing workflow efficiency by more than 90%
- Worked in a fast-paced, Agile environment as an active member of a Scrum team

Projects

RentForYou

May 2018

- Created a classified ad platform where students can find housing options around their school area
- Built with LAMP Stack using Python-Flask/MySQL/Javascript
- Integrated Google Maps API to generate geocoded addresses and display rents onto a dynamic map

Document Management System

April 2018

- Created a streamlined organizational tool where users can create, edit, and categorize documents
- Incorporated an MVC architecture to integrate the server-side with the client-side

Organizational Tool System

September 2017

- Created and designed an agenda program using C++ to facilitate time management and productivity
- Organized and led a team of 3 by coordinating team member roles

Weather Forecast Web Application

August 2017

- Integrated OpenWeatherMap weather API using Python-Flask to parse real time weather JSON data and display it to the frontend

Education

Candidate for Bachelor of Applied Science in Honours Systems Design Engineering

University of Waterloo, Waterloo, ON

Recipient of the President's Scholarship - awarded \$2000 for a 90+% admission average

Interests:

Web Development, Full Stack, Basketball, Guitar, Drums