Brianna Leung

2nd Year Electrical Engineering Student | b27leung@edu.uwaterloo.ca

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Skills

Languages

Java	Bash
C++	HTML/CSS
Python	VHDL

Tools

Eclipse	Burp Suite
WebStorm	Apache
Git/SVN	Tomcat
Robot	unittest
Framework	

Frameworks

Bootstrap

Angular 5

Education

University of Waterloo

Electrical Engineering BASc
Waterloo, ON

Relevant Courses

ECE150: *Fundamentals of Programming*

ECE 124: *Digital Circuits and Systems*

ECE 250: *Algorithms and Data Structures*

Experience

Development Engineer
Sep 2018 – Dec 2018

Points International Ltd. | Toronto, ON

- Constructed configurations connecting internal systems and major third-party partner loyalty programs including Aeroplan, Alaska Airlines & Hyatt using Javascript, JSON & XML
- Created UAT, simulator and live tests for each configuration validating essential functionalities using Robot Framework & Python
- Built a Python application to automate the translation and migration process for future partner migrations
- Operated in an Agile environment with bi-weekly sprints and daily meetings to ensure effective communication amongst the team

Software Developer
Jan 2018 – Apr 2018

OpenText Corporation – Business Network | Richmond Hill, ON

- Conducted security scans using Burp Suite Pro on cURL requests on web services & generated reports to highlight potential security issues
- Designed Selenium scripts to run automated security scans on web service
- Implemented alert system for efficient debugging & troubleshooting on web applications using Java, C++ & Apache Tomcat specifying errors & severity
- Migrated servers to upgraded web-hosting service ensuring accurate configurations

Projects

Marmosad
Feb 2018 – Apr 2018

http://marmosad.me/ | Cards Against Humanity Spin-off

- Created frontend using Angular framework for a clean and user-friendly UI
- Integrated Angular with node.js for the backend with socket.IO for client-server interaction

Personal Website
Apr 2018 – May 2018

https://briannaleung.github.io/ | An Introduction & Current Projects

- Created a minimalistic website highlighting projects using HTML, CSS & Javascript hosted on GitHub Pages
- Implemented anime.js for animated click & particles.js for background animation