

Brianna Leung

Electrical Engineering Student | b27leung@edu.uwaterloo.ca
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Skills

Languages

Java	Javascript
C++	Typescript
Python	VHDL

Tools

Eclipse	Burp Suite
WebStorm	Bash
Git/SVN	unittest
Flask	

Frameworks

Tomcat	Robot
Angular	Node.js

Education

University of Waterloo

2017 – Present
Electrical Engineering
BASc Waterloo, ON

Extracurriculars

Gift the Code 2018
Scouting
Camping
Hiking
Bullet Journaling

Experience

Development Engineer

Sep 2018 – Dec 2018

Points International Ltd. | Toronto, ON

- Built a **Python** application to automate the translation and migration process for easier future partner migrations
- Utilized **Python Flask** to quickly develop a proof of concept web application that crunches big data and displays metrics
- Constructed configurations connecting internal systems and major third-party partner loyalty programs using **Javascript & moment.js**
- Created UAT, simulator and live tests for each configuration using **Robot Framework & Python**

Software Developer

Jan 2018 – Apr 2018

OpenText Corporation – Business Network | Richmond Hill, ON

- Implemented alert system for efficient debugging & troubleshooting on web applications using **Java, C++ & Apache Tomcat** specifying errors & severity
- 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
- Migrated servers to upgraded web-hosting service ensuring accurate configurations

Projects

Marmosad

Feb 2018 – Apr 2018

<https://github.com/Marmosad> | 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