**SKILLS**

**Programming:** C, Python, Java, Assembly

**Software**: MATLAB, AutoCAD, Inventor, CREO, Microsoft Office and Sketchup

**Web Development:** HTML, CSS, JavaScript

**Protocols & Standards**: TCP/IP, FTP, DHCP and Cisco Discovery: Networking for Home and Small Business Certification

**EDUCATION**

**Carleton University**, Ottawa, Ontario *September 2014 - Present*

Bachelor of Engineering: Computer Systems Engineering

**ENGINEERING PROJECTS**

**TFTP File Transfer System,** Carleton University *May 2016 – June 2016*

* Successfully designed and produced a TFTP file transfer program in Java with a team of 5 individuals
* Responsible for testing every scenario to ensure functionality and fixing errors due to testing in the program.

**Carleton Engineering Competition,** Carleton University *October 2015 – November 2015*

* Competed and presented in a 12-hour engineering programming competition with a team of 4 individuals that finished in second place in the competition.
* Successfully implemented and designed a photo recognition software using Java to determine whether an image of a washer was acceptable

**Photo Filter/Enhancer Program,** Carleton University *October 2014 - December 2014*

* Designed and developed a photo enhancement software using Python to manipulate images using various filtering techniques.
* This program would load an image, compare pixels of the image If the conditions were met, the filter would be applied, by changing the colour of the pixel(s).

**LEADERSHIP EXPERIENCE**

**IEEE Carleton – Student Professional Awareness Conference (SPAC) Outreach Co-Coordinator** September *2016 – Present*

* Advocating and advertising the SPAC conference to potential patrons to sponsor the event
* Acting as a liaison between potential and confirmed patrons and the conference committee.

**Carleton Student Engineering Society Council** *June 2015 – May 2016*

* Representative of Computer Systems Engineering Students on the Engineering Student Council.
* Attending council and faculty meetings, and representing student’s opinion on course selection/changes

**2014 Relay For Life at Maxwell Heights S.S** *February 2014 – June 2014*

* Head Event Chairperson
* Organized and planned a school wide 12-hour fundraiser to raise funds for cancer research with 350 participants that raised over $57,000