**EDUCATION**

BSc. Computer Engineering 2020, University of Alberta, Edmonton, AB 2015 - Present

* **Cumulative GPA:** 3.4/4.0
* **Project Work:** Created an Android app that integrates with Spotify’s web API, built a restaurant finder for Arduino using C++, programmed a Python based client-server Sudoku game/solver for Arduino, created a CLI for managing orders at a fictional store using Python and SQL, designed and implemented an inventory management web application using a LEMP stack

**EDUCATIONAL ACHEIVEMENTS**

* Chancellor’s Excellence Citation (2015)
* Dean’s Entrance Citation in Engineering (2015)
* University of Alberta Academic Excellence Award (2015)
* Faculty of Engineering Academic Excellence Award (2015)
* APEGA Education Foundation Academic Excellence Award in Engineering (2015)
* National AP Scholar (2015)

**TECHNOLOGIES**

* **Web Development:** HTML5, CSS3, JavaScript, jQuery, React, Node, Foundation, Bootstrap
* **Languages:** Java, C/C++, Python, SQL, SQLite, Perl, Bash, Assembly
* **Software/Others:** Android Studio, Version Control (Git), Matlab, Arduino

**WORK EXPERIENCE**

**SOFTWARE DEVELOPER CO-OP** May – September 2018

Network Automation, Shaw Communications, Calgary, AB

* Developed Java code to expand the functionality of a network device configuration management tool
* Refactored an existing web application written in Java, JavaScript and JSP to use the MVC architectural pattern
* Utilized Tableau to develop data visualizations as part of a proof of concept
* Employed Atlassian’s Crucible tool to complete thorough code reviews
* Completed 9 hours of Agile and Dev Ops training

**TECHNICAL SUPPORT ENGINEER TIER 4** January – May 2018

IP and Optical Networks, Nokia, Kanata, ON

* Wrote Perl scripts to interface with the Jira REST API and display meaningful data summaries in HTML tables
* Configured virtual network topologies to aid in the construction of a simulated customer network
* Created a Bash script to make scheduled backups of virtual machines and prune outdated backup files
* Designed a system to automate the creation of draft release notes documentation

**JUNIOR DEVELOPER** May - August 2017

Service Systems Research Group, University of Alberta, Edmonton, AB

* Designed and implemented a JavaScript, jQuery and D3.js based visual SPARQL query editor
* Leveraged Foundation CSS framework to create an appealing and intuitive user interface
* Implemented a local development server using Express.js
* Wrote Python scripts to automate parsing and formatting of RDF data

**BARISTA**  August 2016 - Present

Transcend Coffee, Edmonton, AB

* Acquired specialized coffee knowledge to ensure customer inquiries were answered fully and accurately
* Maintained high quality standards in food and beverage preparation
* Efficiently and effectively managed several simultaneous orders during busy periods
* Responsibly handled 1000+ dollars in cash when performing cash-out duties

**VOLUNTEER EXPERIENCE**

**VICE PRESIDENT STUDENT LIFE**  April 2017 – April 2018 Engineering Students’ Society, Edmonton, AB

* Lead a team of event coordinators to plan and execute engaging and inclusive events for all engineering students at the University of Alberta

**REFERENCES**

• available upon request