**EDUCATION**

MSc. Computer Science, University of Southern California, Los Angeles, CA 2020 - Present

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

* **Cumulative GPA:** 3.9/4.0
* Graduated in June 2020 from the Co-operative Program with Distinction

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

**WORK EXPERIENCE**

**SOFTWARE ENGINEER CO-OP** June – December 2019

Conversations Inbox, Hubspot, Boston, MA

* Leveraged React to create responsive, intuitive, and visually appealing user interfaces
* Wrote comprehensive unit and acceptance tests using Jasmine and Selenium respectively
* Used GitHub Enterprise version control system and code review tools to ensure high quality code was shipped to customers
* Autonomously integrated and deployed code to production using sophisticated in-house web tools
* Participated in bi-weekly meetings regarding reliability, alerting and technical debt

**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* Created a Bash script to make scheduled backups of virtual machines and prune outdated backup files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

**RESEARCH ASSISTANT** May - August 2017, June 2020 - Present

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

* Acted as the principle developer for a 3D human anatomy learning game using Unity and C#
* 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
* Wrote Python scripts to automate parsing and formatting of RDF data
* Performed a literature review and assisted in study development for two papers published at IEEE and CASCON international conferences

**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