**EDUCATION**

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

**BSc. Computer Engineering Co-op 2020 With Distinction**, University of Alberta, Edmonton, AB 2015 - 2020

* **Graduating GPA:** 3.9/4.0

**TECHNOLOGIES**

**Relative Experience**

* **A picture containing table

  Description automatically generatedWeb 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 INTERN** May – August 2021

CosmosDB, Microsoft, Redmond, WA

* Developed new technical competencies in C++, Visual Studio, and Azure DevOps
* Collaborated across teams to design and implement a complete data ingestion solution for CosmosDB Gremlin API
* Demonstrated code functionality by writing thorough unit and integration tests
* Created a framework of modular, scalable software components to allow for future expansion of data transfer tooling to other CosmosDB API’s

**RESEARCH ASSISTANT** May - August 2017, June – December 2020

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

* Acted as the principal developer for a 3D human anatomy learning game using Unity and C#
* Used Django framework to implement a variety of healthcare related applications
* Designed and implemented a JavaScript, jQuery and D3.js based visual SPARQL query editor
* Wrote Python scripts to automate parsing and formatting of RDF data
* Co-authored a paper presented at EdMedia + Innovate Learning Conference 2021

**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

**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

**PERSONAL PROJECTS**

**UFEST VOLUNTEER WEBSITE |** [https://www.volunteer.ufest.ca](https://www.volunteer.ufest.ca/)

* Website created to coordinate volunteering at Edmonton’s premier Ukrainian Festival
* **Tech Stack:** Typescript, React, Django, Pythonanywhere

**CLOUDGARDEN |** <https://github.com/Green-Party/CloudGarden>

* A self-contained smart gardening system that is controlled by and provides real-time sensor data to a progressive web application
* **Tech Stack:** Typescript, React, Material UI, Node and Express, Raspberry Pi and Arduino, Azure and Auth0

**BOTSPOTR |** <https://github.com/LukeSlev/BotSpotr>

* A viral tweet analyzing web application that consumes Twitter urls and returns the likelihood that the tweet was retweeted by bots or humans
* **Tech Stack:** React, Node and Express, Twitter API, Botometer API

**COLLABIFY |** <https://github.com/tymoorej/Collabify>

* An Android application for creating collaborative playlists on Spotify
* **Tech Stack:** Android (Java), Firebase, Spotify API

**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

**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)

**REFERENCES**

• available upon request