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| **OBJECTIVE** | Seeking a challenging position where I can apply my knowledge and practical abilities regarding software and hardware engineering, which will contribute to my personal and professional growth |

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| **EDUCATION**  **TECHNICAL SKILLS**  **WORK EXPERIENCE AND PROJECTS** |

**CARLETON UNIVERSITY** OTTAWA, ON

BACHELOR OF COMPUTER SYSTEMS ENGINEERING 2011-2017

* Docker, Kubernetes
* Linux OS
* Gitlab CI/CD
* VSphere
* Odoo ERP, CRM
* Computer networking and layered protocols architectures
* Programming Languages (Java, C++, python, html5, JavaScript, Angular,

Assembly), UML

* MatLab and Simulink
* Xilinx ISE Design suite and OrCAD Cadence
* ProE 3D modeling software
* Arduino IDE software
* Verilog HDL

**Inteloom Inc** 2017 - Present (Quality Assurance Eng. / DevOps Specialist)

* Oversee quality assurance process for all Inteloom projects
* Oversee maintenance and upkeep of automation tools
* Advice on QA best practices and methods
* Build automated deployments through the use of configuration management technology and CI/CD practices
* Make modules ready for production, which entails moving them according to specific procedures and documenting knowledge transfer
* Routine application maintenance tasks
* Troubleshoot existing information systems
* Deploy new modules, upgrades and complete fixes within the production environment

**The Handmade Bride** 2017 (Web Developer and Business Analyst)

* Managing the business website, keeping it updated with all the content provided by the business owner
* Designing developing and implementing the business e-commerce’s site

**Medical Glossary for aboriginal interpreters web app** 2016

* Developed a web application which functionality is to provide translations of medical terms from English to Cree language.
* Worked on basic knowledge of html5, CSS, AngularJS and JSON database• Contributed with the design of the relational database used in the project.
* Worked in an agile environment.

**Linux OS** 2015-2016

* Built a producer/consumer program using C language.
* Implemented different scheduling policies with the purpose of study concurrent programing and message passing.
* Analyzed concurrency in a Linux environment and gained knowledge of IPC in distributed systems.

**Systems Development – Liquid flow meter** 2015-2016

* In this project a remote liquid dispenser system was designed and developed. Two Raspberry Pi microcontrollers were used to allow communication between the remote client and server via UDP IP protocol.
* Interfaced raspberry Pi with the electronic components of the dispenser valve.
* Collaborated with the implementation of the GUI using Java language.
* Programmed a client/server UDP IP communication using Java and python.
* Solved IPC issues related to the concurrency of the program.
* Strengthened communication skills and ethical team collaboration.

**Real Time concurrent Programming – Client-Server FTP** 2014-2015

* The purpose of this project was to learn the concepts of concurrency granularity.
* Differences between Processes and Threads using Java virtual Machine, to exploit parallelism within a system.
* Implemented FILE TRANSFER PROTOCOL (FTP) in a Client-Server based program interface, using Eclipse API and java language.

**MATLAB and SIMULINK** 2013-2014

* Experienced in dealing with Laplace Transforms, Transfer Functions for Dynamic Systems, Simulation through analogous systems and analog computers(mechanical and Electrical System) using. Analysis of Pole and Zero Locations of a System in Transient Analysis. (in MATLAB and SIMULINK ).
* Built models for performing DSP and analyzing discrete-time systems and filters

**EXPERIENCE**

**LEADERSHIP Inspira youth leadership conference** 2016

Sub-Coordinator

* Worked along with coordinator on a shared responsibility. Managed the executive team
* Helped each team member with their tasks, provided logistics, and any resources needed to the team of volunteers.

**Humanitarian Organization of Latin American Students (H.O.L.A.S)** 2014-2015

Vice President External Affairs

* Responsible for the communication and collaboration with other organizations
* Organized fundraising events for humanitarian programs in Latin America
* Coordinated meetings and organization for the cultural events committee
* Maintained H.O.L.A.S website and managed social networking for the organization.

**VOLUNTEER LOCURA LATINA FUNDRAISER GALA** 2014

**EXPERIENCE** H.O.L.A.S Carleton

* Collaborated in the organization of a fundraising Gala event for over 550 people.

**LATIN FEST WEEK-CARLETON UNIVERSITY** 2014

H.O.L.A.S Carleton

* Planned and organized the week-long schedule of cultural shows and performances
* Engaged in public speaking for large and small audience attendees.