

## + Summary

I am a 4th year computer science student at the University of Guelph, working towards my Bachelor of Computing, Honours. I am currently working on a CIS\*4900 (a computer science project course) on a project to help close the digital divide in northern Canada and to help monitor the environment and health of individuals in an Inuit community in Rigolet, Labrador.

## + Employment

**Left of the Dot Media Inc.** May 2018 to Aug. 2018

RightMesh App Developer

- Developed Android applications using the RightMesh mesh networking platform.
- Provided weekly progress updates to the project stake holders.
- Worked with a small team.

**ActivNtel** Apr. 2017 to June 2018

Full Stack Developer

Guelph, On

- Worked as the lead android developer designing and building an application for the Canadian National Archery team to perform real time data recording and analysis.
- Developed application layer network protocol to communicate with a server.
- Cooperated with different departments to design and build different components for the app (i.e. hardware engineering to design communication protocols)

**Lakeridge Health** July 2017 to Aug. 2017

IT Student

Oshawa, ON

- Designed and built internal web tools for auditing and incident reporting.
- Assisted with the configuration and deployment of an out of band network to monitor the network around the hospital.
- Performed the migration of Windows SCCM and SQL servers in an enterprise environment.

**NGTronix** Sept. 2016 to Current

Web Developer

Guelph, On

- Worked with the human resources and financing team to build a variety of internal tools to help with project time tracking and careers pages.

**Camp New Moon** June 2014 to Aug. 2014, June 2015 to Aug. 2015, June 2016 to Aug. 2016

High Ropes Instructor

Baysville, On

- Assisted in planning the daily activity scheduling for groups of campers aged 8 to 16.
- Constantly worked to ensure safety of the campers and staff at the ropes course by performing frequent inspections of the equipment and the course.

## + Volunteering

**Society of Computing and Information Science** Sept. 2018 to Current

System Administrator

Guelph, ON

- Attend weekly meetings.
- In charge of redesigning and rebuilding the website and managing a team of other students.
- Responsible for maintaining our computer and email systems.

**University of Guelph Climbing Club** Jan. 2016 to Feb. 2017

Climbing Gym Monitor

Guelph, On

- Worked to set routes and ensure that the everyone using the gym was being safe and following the proper safety rules.

## + Education

**University of Guelph**

Bachelor of Computing, Honours 2019

Maintained Dean's Honours List Fall 2015-Winter

2018 as a result of having a 3.82 GPA

Received the University of Guelph Entrance

Scholarship for obtaining a minimum average of

85% at a registered Ontario Secondary School.

## + Skills

**PROGRAMMING LANGUAGES:** C, BASH, Node.js, Android, Java, git, mysql, HTML, CSS, PHP, Javascript

## + Projects

**eNuk** May 2018 to Current

A community lead eco-health monitoring application for an Inuit community in Rigolet, Labrador using RightMesh as a method to try to help bridge the gap in the digital divide where there is very little infrastructure in place for digital communication in the community.

**CIS3750 Community Engaged Scholarship** 2017 to 2017

A web API that was build for a software design course with to address a social challenge in our community. It is a Node.js backend with a MySQL database.

**Continuous Integration Server** 2017 to 2017

A configurable Node.js server that will receive GitHub or Gitlab webhooks to automatically update and restart a running web server without having to do it manually.

**Solitaire** 2015 to 2015

This is a program that I wrote in high school as a single player solitaire game. It features scoring, customizable card backs, high scores and different user account profiles. It is written by hand in Java and uses XML to store the data.

**Dragon Collar** 2017 to 2017

A wireless Bluetooth dog collar that was developed as the ECHacks 2017 project. It utilizes an Arduino 101 board and an Android mobile application.