



# John Barry

## Computer Engineering Student

I am 21 years old and grew up in Ottawa before moving to St. John's to pursue my degree in Computer Engineering. I thrive in a team environment, and enjoy bringing challenging projects to completion.

✉ john.barry@mun.ca

📞 613-327-6432

📍 St. John's, Canada

🌐 johnnyb8.github.io

## WORK EXPERIENCE

### Full Stack Web Developer

CoLab Software [↗](#)

04/2018 – Present

St. John's

Cloud-based mechanical design review and issue tracking platform.

#### Achievements/Tasks

- Wrote RESTful API's and corresponding front end code to implement new features for the product Gradient
- Worked closely with the CEO/CTO and was trusted with important and complex tasks
- Lead the team when implementing important features
- Played a crucial role in the UI overhaul of the application
- Responsible for organizing test day at the end of sprints
- Performed a complex integration of code contracted out into the application
- Assisted with DevOps tasks, participated in code reviews

### IP/Optical Networks TEC Engineer

Nokia

09/2017 – 12/2017

Ottawa, ON

01/2017 – 04/2017

#### Achievements/Tasks

- Provided troubleshooting for enterprise level software used by global telecom leaders
- Debugged and diagnosed a codebase totalling over 8 million lines
- Professionally documented new software features for customers
- Delivered software patches to mission-critical systems
- Remotely diagnosed and solved issues in the customer's network
- Collaborated closely with other team members to help overcome complex issues

### University Tutor

Memorial University of Newfoundland

09/2016 – 12/2016

St. John's, NL

#### Achievements/Tasks

- Assisted university students with math, physics, chemistry, and engineering courses
- Provided emergency last-minute tutoring during finals and midterms

## EDUCATION

### Computer Engineering Term 7

Memorial University of Newfoundland

2015 – Present

St. John's, NL

## SKILLS

C++

Java

Python

Javascript

PHP

HTML/SCSS

React

Redux

jQuery

Flask

Laravel

Bootstrap

SQL

Linux/Bash

AWS

MATLAB

REST API

NLP

Git

Agile

Assembly

VHDL

Networking

## PROJECTS

Psyber (09/2018 – 12/2018)

- Creating an ML based application to detect cyber bullying in text

Dal Earth Orbit and Space Systems Lab

(01/2018 – Present) [↗](#)

- Part of a group of students and professors participating in the Canadian CubeSat Project
- Designed, built and deployed the team website (dalorbits.ca)
- Wrote C++ code to implement key functionality of the CubeSat once it is in the air

WatchfulSky (02/2018) [↗](#)

- Created a satellite tracking android application
- Ranked at the top of the class against other software design projects

## ACHIEVEMENTS

Amirix Systems Computer Engineering Scholarship (2018)

Awarded to one Computer Engineering student who showed excellent leadership skills and extracurricular involvement. Valued at \$5000.

Computer Engineering Class Representative

(2016 – Present)

Act as the voice of the students and interface between students and professors

Hatcher House President (2016)

Voted in as President of a Memorial University Residence

## LANGUAGES

English



French



## INTERESTS

Outdoor enthusiast

Reading

Making music

Guitar

Piano

Rugby

Hockey

Hiking