



John Barry

Computer Engineering Student

I am 20 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.

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📞 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
- Tested the application and fixed bugs
- Played a crucial role in the UI overhaul of the product
- Assisted with product vision and planning
- 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 VI

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

Tensorflow

Git

Agile

Assembly

VHDL

Networking

PROJECTS

Psyber (10/2018 – Present)

- 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

StarGazer (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