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.

✉ 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 needing to get important features in
- 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 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   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

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