BRODY MCKEOWN

Electrical Engineering Student

@ bmckeown@mun.ca

(709)690-4548

St. John's, Newfoundland

in brody-mckeown

EXPERIENCE

Hardware Design Engineering Co-op

Curtiss-Wright Defense Solutions

Sept 2018 - Dec 2018

- Ottawa, Ontario
- Executed Design Verification Testing on Single Board Computers
- Performed circuit schematic and layout reviews

Electrical Designer

Paradigm Hyperloop

Sept 2017 - Ongoing

St. John's, Newfoundland

- Designed custom circuitry for the pod's battery board to monitor current and voltage
- Designed custom interface board (circuit schematic and layout) for the pod's on-board flight computer
- Sourcing equipment such as motors, IC's and other electronic components

Electrical Designer

Low Orbit Reconnaissance & Imagery Satellite

May 2018 - Ongoing

♀ Remotely w/ Dalhousie University

- Researching and designing solar power supply for 2U Cubesat
- Aid in the design of a custom Electrical Power System

Co-Lead Corporate Sponsorship

Engineers Without Borders MUN Chapter

May 2017 - Ongoing

♀ St. John's, Newfoundland

- Engage in developing relationships with corporations to help fund chapter initiatives
- Develop Sponsorship packages and materials

Customer Applications Engineer

Nokia

🛗 Jan 2018 - April 2018

- Ottawa, Ontario
- Pro-actively troubleshooting problems in the proprietary network management software as well as customer networks and databases
- Worked with regional support teams, Research & Development and product managers for technical support concerns
- Developed scripts to aid in managing customers' network elements

Electrical Engineering Co-op Student

Kruger Inc.

May 2017 - Sept 2017

- **♀** Corner Brook, Newfoundland
- Updated and organized the motor management system and electrical equipment hierarchy utilizing JDEwards
- Drafted mechanical parts and electrical drawings in AutoCAD
- Developed work orders, budgets and procedures

EDUCATION

Bachelor of Electrical Engineering Co-op Program

memorial University of Newfoundland

Sept 2016 - Ongoing ♥ NL, Canada

Dean's List 2016-2017 Expected Graduation: 2021

ACHIEVEMENTS

Alfred and Annie Chan Electrical Engineering Scholarship 2017

The Professional Engineers and Geoscientists of Newfoundland and Labrador Engineering Scholarship 2017

Duke of Edinburgh's Award Bronze & Silver Standard 2013, 2016

Provincial Chess Champion; Competitor at Canadian Chess Challenge 2012-2015

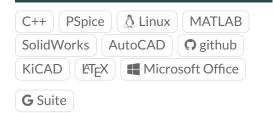
STRENGTHS

Eye for detail Troubleshooting

Self-starter Hard-working

Team player

SKILLS



INTERESTS

