

Colin Hunt

Electrical Engineering Student

Relevant Experience

- Motivated and hard working Electrical Engineering student
- 5 years of experience with small electronics projects and robotics.
- Extensive programming experience in many languages, including C/C++, Python, C#, Matlab and Swift.

Software Engineering Co-op (Embedded)

Curtiss-Wright Defense Solutions (2017)

- Developed macro to repeatedly power cycle an SBC, and run chosen tests each cycle
- Developed a script to control the LAMDA G750W power supply remotely using serial communication
- Extensive work with U-Boot
- Exposure to hardware design and debug

Research Student (Optics and Photonics)

Memorial University of Newfoundland (2016-Present)

- Research with the wireless sensing of electrical current and wireless networks involving optical sensors
- Experience with wavelength-tunable femtosecond lasers and near-field scanning optical microscopes

Research Student (Soft Matter)

Memorial University of Newfoundland (2015-2016)

- Experience with confocal microscopes and image processing software
- Experiments conducted on colloidal particles in the presence of an electric field
- Experience building custom equipment for running the experiments

System Planning Co-op (Distribution)

Newfoundland Power Inc. (2016)

- Experience conducting load flow analysis with CYME
- Automated the analyzing of transformer peak files using VBA in Microsoft Excel to control an instance of Internet Explore, Word, and Excel
- Experience with SCADA

Mount Pearl, NL Canada

+1 (709) 727-2914

colin.hunt@mun.ca

Education

Bachelor of Electrical Engineering
Memorial University of Newfoundland (MUN)
(In Progress)

Leadership

- MUN Students Union Board of Directors
- MUN Engineering Society A Executive
- IEEE MUN Chapter

Awards

- RDC RISE Award
- MUN Alumni Scholarship
- MUN Faculty of Engineering Dean's List
- Mount Pearl Youth of the Year
- Mount Pearl Athlete of the Year

Skills

- Programming (C/C++/C#, Python, Matlab)
- Test Automation
- Laboratory Experimentation
- Problem Solving
- Embedded Systems (SBC, U-Boot, Rasp Pi)
- Microcontrollers (Arduino)
- Soldering (Surface Mount)
- Public Speaking
- 3D Modelling
- Simulation (CYME, Matlab, PSpice)

Extra-Curricular Interests

I am involved in a variety of activities as a musician such as musical theatre, musical composition and performance. As an athlete, I compete at a national level in baseball, and am preparing to compete in the 2018 CBBF National Bodybuilding Competition.