
JOHN SNOW

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HIGHLIGHTS OF QUALIFICATIONS

- Enrolled in level 3 of the 4-year Engineering Physics co-op program specializing in electro-optics
- Excellent logical and well-reasoned technical & research report writing skills developed through coursework and experience as a Research Assistant
- Intermediate knowledge and understanding of electrical design, using Autodesk Inventor and Multisim

EDUCATION

Bachelor of Engineering, Engineering Physics

McMaster University, Hamilton ON

Expected Completion April 2019

- Maintaining a cumulative grade point average of 3.8 on a 4.0

EXPERIENCE

Research Assistant

Kinectrics Inc., Etobicoke ON

May 2017 – Aug 2017

- Worked in a small team focused on diagnostic testing, consulting and forensics services related to low, medium and high voltage electrical power equipment
- Conducted laboratory testing, research and development, and component failure analysis activities
- Collected, organized and statistically graphed the analysis of data from the field and lab diagnostic testing
- Developed presentation skills by presenting reports on the data analysis to the team during weekly meetings
- Created a short software application program for test data acquisition and instrument automation using **MATLAB** and **Excel**

PROJECTS

Eye Controlled Turret

Jan 2017 – Mar 2017

- Designed, assembled and tested a human-interactive turret controlled by the eye's gaze utilizing **Python**, **C/C++**, two **microcontrollers** and two **Raspberry Pi's**
- Included four separate modes of operation including a zeroing mode, eye control, object tracking and manual control

EXTRACURRICULAR ACTIVITIES

Ambassador | Engineering Physics Society

Jan 2016 – Present

- Answered student questions about Engineering Physics, led tours, and presented at information sessions

Welcome Week Rep | McMaster University

Sept 2016

- Welcomed 900+ first years to McMaster Engineering

SKILLS

SOFTWARE, HARDWARE & PROGRAMMING:

- Python, C/C++
- MATLAB, Maplesoft
- Multisim
- Autodesk Inventor, Solid Works

SAFETY:

- CPR & First Aid
- Laser Safety
- Electrical Safety
- WHMIS