

John Snow

905 – 525 – 9140 | snowj@mcmaster.ca | LinkedIn.com/in/johnsnow

Highlights of Qualifications

- Enrolled in level 3 of a 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 industry Research Assistant
- Intermediate experience with electrical design, using Autodesk Inventor and Multisim

Education

Bachelor of Engineering, Engineering Physics

September 2018 - Present

McMaster University | Hamilton, ON

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

Experience

Research Assistant

September 2018 - Present

Kinectrics Inc. | Etobicoke, ON

- Worked in a team of 3 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
- Created a short software application program for test data acquisition and instrument automation using MATLAB and Excel

Projects

Eye Controlled Turret

January 2021 – March 2021

- 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

September 2018 - Present

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

Welcome Week Rep | McMaster University

September 2018 - Present

- Welcomed 900+ first years to McMaster Engineering

Skills

Software/Hardware

- Python, C/C++
- MATLAB
- Maplesoft

Autodesk

- Inventor
- Solid Works

Safety

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