Drake McGillivray

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4th-year Computer Systems Engineering student, with a passion for teamwork. Hardworking and excited to further my development in a workplace setting. Currently in my 4th-year project using hockey and its on-ice movements to the off-ice movements of rollerblading and comparing them using pressure sensors, muscle sensors, and accelerometers to determine if off-ice movements are helpful to the on-ice movements of hockey players.

Education

SEPTEMBER 2018 - MAY 2022

Carleton University, Ottawa - Computer systems engineering

4th-year student currently enrolled in:

- Engineering Professionalism, Cyber Security, Web Design, Computer Systems Architecture, and Classical Physics

Experience

JUNE 2017 - PRESENT

RHYC, Hamilton - High-Performance Sailing Coach

- Teaching kids from 7-12 racing skills in Opti
- Participating in regattas in various locations (eg. Kingston, Nova Scotia)

OCTOBER 2016 - MARCH 2018

Corbetts Ski + **Snowboards, Oakville** - Sales Associate

- Help customers with boot fittings, ski sizing, and accessories
- Provide customers information with info on our newest products and current technology

Technical Skills

- **Software:** MATLAB, Solidworks, HSM, SQL, Verilog, Ubuntu
- **Programming languages:** Java, C, C++, PHP, Python, HTML, CSS, JavaScript, and Linux Commands,
- **Hardware:** PC's, Texas instruments boards (msp432), Raspberry Pi, Arduinos
- **Certifications:** Foundations of User Experience (UX) Design