

DAWSON TILLEY

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PROFILE

Fourth Year Electrical Engineering student at Queen's University. A self-starter with a reputation of being organized, focused, inclusive and efficient. Possesses excellent communication and analytical skills with a collaborative approach to completing tasks, always in pursuit of excellent deliverables.

EDUCATION

QUEEN'S UNIVERSITY

Kingston, ON

Bachelor of Applied Science in Electrical Engineering

Expected Completion: May 2021

- Analytical skills developed through variety of courses covering the spectrum of mathematics
- Business Courses: Economics and Business Practices and Financial Accounting

HALIFAX GRAMMAR SCHOOL

Halifax, NS

International Baccalaureate Diploma

Completion: 2017

PROFESSIONAL EXPERIENCE

M&R ENGINEERING LTD

July 2020 – August 2020

ELECTRICAL ENGINEERING CONSULTING INTERN

Serving as an assistant to consulting engineers by designing and engineering solutions to satisfy client design's needs. Additionally, applying design techniques that optimize building design solutions to be safe, economical, and efficient.

WEIR, NAVAL ENGINEERING TEST ESTABLISHMENT

May 2019 – August 2019

ENGINEERING CO-OP STUDENT

Served as an assistant to the engineering team at the Naval Engineering Test Establishment office in FMF Cape Scott. Main responsibilities included surveying the Atlantic Fleet's Marine Systems to ensure their operational readiness. Gained familiarity with Microsoft Office products, as well as a basic understanding of draft safety documentation for electrical systems onboard the incoming Harry DeWolf Class.

DEXTER CONSTRUCTION

May 2018 – August 2018

PROJECT CO-ORDINATOR (CO-OP)

Served as assistant to various project engineers on structural projects across Nova Scotia. Main responsibilities included organizing labor units for project sub-contractors with different companies/organizations and coordinating with external business partners. Assisted with financial analysis and cost optimization.

ACTIVITIES

Queen's Engineering Conference on Industry and Resources (CIRQUE) Co-Chair

2020 – Present

Co-chair for Queen's engineering's oldest annual conference that demonstrates engineers the versatility of their degrees. Duties as co-chair involve the hiring of the executive team, overseeing the training and execution of every portfolio, and ensuring the conference operates at the highest standards as set forth by previous years.

Queen's Conference on Business & Technology Executive Team

2019 – 2020

Events and Socials Co-ordinator for the Queen's annual conference on the interaction between business and technology. Responsibilities include organizing promotional and social events for the conference.

Queen's University Algorithmic Network Trading Team (QUANTT)

2019 – 2020

Member of the only design team focused on portfolio management, with a focus on learning to conduct market research and develop programming skills through Python. Combining these skills to produce an algorithm that traded volatile stocks based on momentum technical indicators.

Queen's Spatially Aware Virtual Interface (Electrical Team)

2017 – 2019

Design club member which focuses on designing and implementing a haptically enabled glove. Individual roles include research, aiding on the CAD design of the hand, and the construction of the electrical systems using Arduino.

Queen's University FREC Orientation Leader

2018-2019

Served as leader for activities during orientation week, helping run activities and introduce incoming student to the University. These duties continued throughout the year by acting as a support system while serving as a friend, mentor and role-model.