Dylan Myers

dylan.myers@mail.mcgill.ca | 647-990-6968| linkedIn/linkedin.com/in/dylan-myers-a45353204 |

EDUCATION

BEng. Mechanical Engineering, Minor Applied Artificial Intelligence Montréal, QC | May 2026
McGill University - 3.70 GPA
Dean's Honor List– Ross Ritchie Scholarship– NSERC Grant - Antje Graupe Prior International Award in Engineering

WORK EXPERIENCE

MILWAUKEE TOOL | Engineering Project Lead Intern Milwaukee, WI | May 2025 – Aug 2025

- Led the development of a new charger project, collaborating with cross-functional engineering teams.
- Conducted cost and schedule analysis while coordinating with marketing to ensure the product met user needs and business targets.
- Presented solution options and trade-offs to upper management, guiding product development kickoff.

MILWAUKEE TOOL | Mechanical Design Intern Milwaukee, WI | May 2024 - Aug 2024

- Completed multiple mechanical design projects using CAD/FEA, 3D printing, and mechanical testing to support the Value Engineering team.
- Presented technical findings to team members and management, collaborating effectively to achieve project objectives.

MCGILL UNIVERSITY | Undergraduate Research Intern Montréal, QC | May 2023 – Aug 2023

- Independently designed and conducted experiments on thermoplastics, including developing an optimization method to analyze thermomechanical and structural properties.
- Presented results at symposia and departmental meetings; research is progressing toward publication.

TTI CANADA | Event Marketing Intern Toronto, ON | May 2022 – Aug 2022

- Planned and executed large-scale retail events while maintaining strong relationships with management, driving over $250,000 in sales.
- Reported weekly sales data and analyzed performance, demonstrating strong communication and organizational skills.

PROJECTS

INTERPOLATING NEURAL NET Python, Numerical Methods, Data Analysis
An Artificial Neural Net used to interpolate data to a high degree of accuracy and precision. Built entirely using numerical methods, no toolboxes.

AIRPLANE GEARBOX SOLIDWORKS, Solid Mechanics, Engineering Design Optimization
Fully designed an in-depth model gearbox for a small airplane, given life and loading parameters.

RECOVERY APP Python, Biomechanics, Electrical Sensors, Machine Learning
Uses HRV data from an ECG sensor to power an ML app that gives insight into personalized recovery data.

BLOCK VIDEO GAME Java, Object-Oriented Deseign, Game Design
A Block-smashing video game built using Java in an object oriented fashion.

SKILLS

Mechanical Engineering: SOLIDWORKS, NX, FEA, CAM, Engineering Design, Composite Materials, 3-D Printing, Experimental Design
Programming Python, Java, MATLAB, ML , TensorFlow, scikit-learn
Other: Leadership, Project Organization, Cost Analysis, Teamwork