

Vivaan Thadani

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I am a second year mechanical engineering student at Toronto Metropolitan University with interests and skills in manufacturing, control systems and automation. I am eager to apply my skills and contribute to innovative engineering solutions.

Summary of Qualifications

- Completed basic introduction for SolidWorks
- 2025 Dean's List (above 3.5 GPA)
- Proficient in Excel, Word and Matlab
- Standard First Aid/CPR C (St. John Ambulance Brigade)

EXPERIENCE

Summer Camp Counsellor, Town of Bradford

Summer 2023 – Summer 2025

- Ensure the safety of the children at all times
- Organize and run a variety of activities such as games and crafts
- Communicate any behavioural issues with the parents

Ride Attendant, Canada's Wonderland

August 2022 – June 2023

- Ensure riders are strapped in safely
- Perform routine safety checks and inspections
- Guest engagement such as spiels
- Cleaning up the ride and queue

INVOLVEMENT

Air Cadets, 94 RCACs (Flight Sergeant) – Volunteer

Jan 2019 – June 2024

- Served as second in command for a small flight/group of cadets from Sep 2023 – June 2024
- Developed leadership and communication skills through active participation in team roles and presentations.
- Gained foundational aviation knowledge through flight simulations and practical experiences, deepening my passion for the field.
- Maintained strong discipline by balancing cadet duties with academic responsibilities, ensuring consistent performance in both areas.

EDUCATION

Bachelor of Mechanical Engineering

Toronto Metropolitan University • 2024 – Present

High School Diploma

Newmarket High School • 2020 – 2024

French Immersion

Principal's Honour Roll (90% average or above)

SKILLS

SolidWorks, AutoCad, C, HTML,

Technical Skills

- CAD Drawings
- Automation
- Aviation Knowledge
- Programming

Tools/Softwares

- SolidWorks
- AutoCad
- Matlab
- C/C++
- HTML

Languages

- English (Fluent)
- French (Working Proficiency)

Certifications

- Standard First Aid/CPR C (St John Ambulance Brigade)
- WHMIS 2015

Hobbies/Interests

- Enjoy the outdoors
- Played house league hockey from 2014–2024
- Hiking, staying active
- Watch the NHL, EPL and F1

Additional Information

- Volunteered to assist with running practices and games for kids aged 7–8 with the NMHA
- Mentored incoming grade 9 students and led various introduction activities
- Created my own website using HTML
- Developed a project to assist the elderly with emergencies and additional credit card security
- Working on a prototype for a small capsule water tester using SolidWorks