

# TARAN HOOEY

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## EDUCATION

### McGill University

Montréal, Canada

*Bachelor of Mechanical Engineering*

*Class of 2028*

- **Cumulative GPA:** 3.94/4 (A)
- **Key Courses:** Introduction to the Engineering Profession (A), Linear Algebra and Geometry (A-), General Chemistry 1 (A), Physics Mechanics and Waves (A), Microeconomic Analysis and Application (A)

### Upper Canada College

Toronto, Canada

*International Baccalaureate (40/45 IB total) & Ontario Secondary School Diploma*

*Class of 2024*

- **Academic Honors:** Recipient of the General Proficiency Award (80%+ average in every course), IB HL French Award (highest average)
- **Extra-Curricular Honors:** Valedictorian, Head Steward (elected by 750 students and 150+ faculty), Varsity Basketball (2x Captain), Varsity Lacrosse (1x Captain), Lang Scholar (for academic & athletic excellence, selected from a pool of 750)

## EXPERIENCE

### Office of Ali Ehsassi, MP (Liberal Party of Canada)

Toronto, Canada

*Summer Intern (External Relations)*

*Jun 2024 – Aug 2024*

- Completed a 12-week internship at the constituency office of the Member of Parliament for Willowdale
- Implemented algorithms in data entry to improve the tracking and resolution of constituent issues through the prioritization and re-organization of past entries

### Pie Wood Fired Pizza Joint

Muskoka, Canada

*Shift Manager*

*Jun 2023 – Sep 2023*

- Trained three new chefs, opened and closed as the only manager on shift, including staff coordination and inventory management

*Shift Manager*

*Jun 2022 – Sep 2022*

- Promoted after one summer to be Pie's youngest shift manager

*Chef*

*Jun 2021 – Sep 2021*

## EXTRACURRICULARS

### McGill Rocket Team

Montréal, Canada

*Payload Structures Sub-team Recruit*

*Sep 2024 – Present*

- One of 300+ members on McGill's leading aerospace design team
- Researching the strength of bioadhesives under rocket-like conditions to evaluate the strength of bone screw augmentation to improve protocols for astronauts with orthopedic implants
- Designing the structural casing of the rocket payload through CAD (Computer-Aided Design) and FEA (Finite Element Analysis) software

### Junior Council, McGill Engineering Undergraduate Society

Montréal, Canada

*U0 Mechanical Engineering Representative*

*Sep 2024 – Present*

- Selected to represent the first year Mechanical Engineering cohort (100+ peers) to advocate for student interests
- Collaborated with fellow council members to plan orientation events to help first-year students connect with students of other engineering disciplines
- Planning several professional and social events to help first-year students build connections

### McGill Association of Mechanical Engineers (MAME)

Montréal, Canada

*U0 Representative, Vice President Events for MAME First Year Council*

*Sep 2024 – Present*

- Established a year-wide communication chat and email group to effectively share information about events and opportunities with first-year mechanical engineering students

## ADDITIONAL INFORMATION

**Languages:** English (native), French (fluent)

**Skills:** Siemens NX CAD, Siemens NX FEM/FEA, Fusion360, OpenRocket, Python, Microsoft Excel

**Interests:** Music (proficient in piano, guitar, banjo, harmonica, trumpet, and currently building my own classical guitar), Globe & Mail Saturday Crosswords, Intramural Basketball and Softball