

# JOHNATHAN JAY

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<https://johnathan-jay.github.io/>

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## SKILLS

- Engineering Process
- Mechanical Design
- Manufacturing
- Robotics
- CAD
- Teamwork
- Project Management
- Prototyping
- Technical Drawing
- Solidworks
- Matlab
- Arduino

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## PROJECTS AND TEAMS

### Toronto Metropolitan Formula Racing

September 2024 - Present

*New Member*

- Regularly attend team-wide and department meetings to learn the engineering process
- Complete tasks, such as part procurement, painting, while learning from experienced members

### VEX Robotics Team 4659

September 2022 - April 2024

*Team Captain*

- Led a rookie team to provincial championships 2 seasons in a row
- Self-taught CAD (OnShape) to design the robot
- Made countless mistakes and failures, ultimately leading to a lot of learning

### Manufacturing / CNC Projects

September 2022 - January 2024

- Created a pen, box, and CN Tower using a lathe and mill
- Learned how to design products in CAD with manufacturing in mind
- Created basic CNC toolpaths for aluminum and brass milling

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## WORK EXPERIENCE

### Canadian Tire

November 2021 - Present

*Sales Associate*

- Responsible for assisting customers, stocking, and merchandising the sports department
- Frequently recognized for hard work, and good customer service

### Johnathan's Lawn Mowing

April 2018 - Present

*Business Owner*

- Self started my lawn mowing business through word of mouth and knocking on doors
- Expanded from mowing to snow shovelling and other property maintenance work
- Had up to 6 customers at a time

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## EDUCATION

### Undergraduate Mechatronics Engineering (Co-op)

2024 - 2029

*Toronto Metropolitan University*

- Transcript Available Upon Request

### OSSD , SciTech Regional Program

2020 - 2024

*Port Credit Secondary School*

- SciTech is an advanced Science and Technology program for high school students
- Workshop Leader - PCSS KnowMore Hackathon 2024