

# Jimmy Yan

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## Objective

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Studying at McMaster university for Mechatronics engineering. Hoping to use this opportunity to learn from others and gain experiences

## Experiences

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- Part-time as a cashier at Empire Wok 6/2016 - 8/2020
  - Gain work experience from this opportunity
  - Developed **communication** skill from communicating between the customers and staffs
  - Developed **teamwork** skill from working as apart of a team to accomplish the tasks
- Volunteer at the vex tournaments 2017 - 2018
  - Developed **problem-solving** skill from providing help to vex robotic teams
  - Developed **time management** skill from becoming the referee of the tournament and finish the tournament on time
- Volunteer at camp GTA 7/2017 - 8/2017
  - Developed **responsible** skill from surprising the kids in the camp

## Extracurriculars

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- Member of a team competed in the **McMaster engineering competition** for senior design 11/2020
  - Work with others to develop the snow removal robot and model it in **Inventor**
- Member of the **McMaster mars rover mechanical team** 7/2020 - 9/2020
  - Designed the science module and worked with others to create the full design of the rover
  - Model the science module in **Inventor**
- Member in Craig Kielburger secondary school team 9/2018 - 6/ 2019
  - Gained **mechanical experience** from developing the robot for the competition
  - First in the **Halton skills robotic competition**
- Member of teams competed in **TU20, Hack IR, and CCC** 2018 - 2019
  - Applying coding skills and knowledge as well as gained **coding experiences**
- Member in the 4992 FRC **robotics** team 9/2018 - 6/2020
  - Gained technical experience and skills for **designing robots** and **CAD modeling**
  - Achieved second place in the 2019 FRC Windsor competition and top 8 in the 2019 FRC McMaster competition

## Projects

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- Developed a music app by using **Android studio** and **Java** 6/ 2020
- By using **Eclipse IDE** and **Java** creating a **database** 11/2019 - 12/2020
- Created a **portfolio website** by using **HTML** and **CSS** in **VS code** 12/2020

## Skills

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**Languages:** Java (3years), Python (2 years), Javascript (1 year)

**Web Development:** HTML (2 years), CSS (2 years), React js (1 year)

**Modeling Software:** Inventor (4 years), Fusion (1 year)

**Coding Software:** VS code (3 years), Android studio (2 years), Eclipse IDE (2 years)

**Others:** Concept sketching (3 years), Circuit Design (2 years), Firebase (1 year), Tinkercad (1 year)

## Education

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McMaster University, Hamilton, Ontario

9/2020 -4/2024

Bachelor of Engineering, Mechatronics engineering, 4.0 GPA

McMaster honor award