

# SAMUEL TAN

Toronto, ON Canada

P: (647)571-5224

E: [samjytan@gmail.com](mailto:samjytan@gmail.com)

W: <https://samjytan.github.io/portfolio.github.io/>

[linkedin.com/in/samjytan](https://www.linkedin.com/in/samjytan)

## EDUCATION

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### University of Ottawa

Ottawa, CA

*Bachelor of Science in Mechanical Engineering, Co-operative Program (9.0 CPGA)* Sep 2020 - Jun 2025

- Project: Developed user interface of application for restaurateurs to define menu items and fulfil orders via drone delivery using CSS, HTML and JavaScript; managed project plan and achieved a grade of 92%
- Awards: Received admission scholarship totalling \$2000

### Bayview Secondary School

Richmond Hill, CA

*Ontario Secondary School Diploma*

Sep 2016 - Jun 2020

- Honours: Ontario Scholar

## EXPERIENCE

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### Housing York Inc. (Municipal housing development company)

Newmarket, CA

*Administrative Clerk*

Jul - Aug 2019

- Conducted quality improvement surveys at 30 Housing York properties across 9 municipalities; analysed responses from over 800 residents and recommended areas of improvement to Director of Operations

### Housing York Inc. (Municipal housing development company)

Newmarket, CA

*Administrative Clerk*

Jul - Aug 2018

- Managed database of tenant contact information; enrolled over 800 users in HYI Alerts (mass notification system), exceeding target enrollment by 5%, and reported results to General Manager

### Bayview Hill Titans Basketball Camp (Basketball camp)

Richmond Hill, CA

*Basketball Camp Counselor*

Sep 2017 - Oct 2019

- Designed and led basketball training program; instructed over 50 children aged 5-13-years old in shooting, dribbling, and defense; and promoted healthy diet

## EXTRACURRICULAR ACTIVITIES

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### uOttawa's Mars Rover Team

Ottawa, CA

*Robotic Arm Sub Team*

Sept 2021 - Present

- Designed the end effector of robotic arm using SolidWorks

### Bayview Bengals (High school basketball team)

Richmond Hill, CA

*Point Guard*

Oct 2019 - Feb 2020

- Finished top 16 out of 36 teams in the YRAA Senior Boys Playoffs

### Gators Basketball Academy (Regional basketball team)

Markham, CA

*Point Guard*

Oct 2016 - Jun 2018

- Awards: Ancaster Magic Tournament Silver Medal 2018, Ontario Cup Provincial Championship 2017

## SKILLS & INTERESTS

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- Basic knowledge in SolidWorks, C, JavaScript, CSS, HTML, Python, Java, 3D Printing
- Fluent in Microsoft Office
- Received Gauss Mathematics Contest Certificate of Distinction (Top 25%)
- Passionate basketball player, dedicated team player