

Richard Tran

437-239-4904 | richard.h.b.tran@gmail.com |

<https://www.linkedin.com/in/richard-tran-92bb3a231/>

Highlights of qualifications

- Excellent manufacturing skills with experience working in a machine shop
 - Soldering, welding, sand blasting, capable of using lathe, milling machines, and all hand tools
- Excellent with ABB robot programming, and simulation
- Excellent with Siemens and Allen-Bradley ladder logic programming
- Proficient with SolidWorks (FEA, heatflow, etc) and AutoCAD
- Proficient with mathematical modelling
- Proficient with C programming
- Excellent communication, analytical, problem solving hands-on and teamwork skills
- Proficient with PLA 3D printing

Education

Sheridan College Institute of Applied Technology

Sept 2020- May 2024 (expected)

Bachelors of engineering (Mechanical Engineering)

- GPA: 3.6

Projects

- Won first place at Skills Sheridan Competition for Mechatronics design and fabrication
- Currently designing & fabricating an autonomous CNC milling rover
- Designed & fabricated automatic blinds
- Designed & fabricated a pick and place mechanism
- Designed & tested a FESTO Module

Work Experience

Lab Technologist (full-time)

May 2023-Sept 2023

Sheridan College (Brampton, Ontario)

- Serviced, maintained and repaired lathes and mills with entire machine shop
- Assisted professor in guiding students

General Contractor (part-time)

July 2020-Sept 2020

Self employed (Mississauga, Ontario)

- Installed kitchen tiles, drywalls, door frames, etc

Shipping and Receiving (part-time)

Jan 2020-June 2020

Manutex products (Mississauga, Ontario)

- Handled shipping of assembled products
- Maintained sewing shop

Interests and Hobbies

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- Origami
 - Swimming