

crfellows2@icloud.com
250 510-0608
Toronto, Ontario, M4Y 1C9

Clive Fellows

Skills

CAD and FEA

- SolidWorks, Fusion 360, Blender
- ANSYS Workbench FEA

Computer programming and literacy

- Experienced in C# and Python
- Proficient with MATLAB
- HTML, CSS, HLSL
- Excel functions and macros / VBA

Research

- Experienced in technical research for engineering projects

3D Printing

- Designed and printed parts for various projects

Mechatronics

- Experienced in using Arduino microcontrollers
- Developed custom boards for various projects

Leadership and management

- Experienced in leadership and management positions at cadets

Language skills

- Can speak English and French fluently

Certifications

George Brown Welding

- November 2022

George Brown Basic Machining

- October 2022

French DELF B2 (Fluent)

- October 2021

Class 7 and 8L BC driver's licenses

- December 2020 and March 2019

Awards

University of Toronto Wallberg Admission Scholarship

- Awarded to the six candidates with the highest average percentage in subjects prescribed for admission to the Faculty of Applied Science and Engineering.

Air Cadet Glider Pilot Scholarship

- Selected from several hundred applicants for one of 45 spots in the course. Unfortunately, the course was canceled due to COVID -19.



Website:

<https://crfellows2.github.io/>

Relevant Experience

CN Rail - Co-op Intern, Innovation Management

05/2023 - 08/2023, Toronto, ON

- Worked independently and with other team members to research, develop, and implement new technologies to CN's benefit
- Worked with an external engineering team to implement app features for our wearable safety program
- Created incident analysis software which included features such as an incident type and location heatmap
- Developed and followed hardware and software prototype testing plans and met with testing participants in the field

Extra-Curricular

University of Toronto Formula SAE | September 2022 - Present

- Part of a student engineering team developing a formula-style electric racing car for SAE international competitions.
- I design, manufacture, and install custom parts for the car's braking system

744 Cowichan Air Cadets | March 2015 - August 2021

- Cadet Squadron Commander of 744 Royal Canadian Air Cadet Squadron
- Flying Scholarship Instructor

Education

Bachelor of Applied Science: University of Toronto

Expected 04/2025, Toronto, ON

- Entering 3rd year of mechanical engineering
- Minor in engineering business

Dual Dogwood Diploma: Cowichan Secondary School

06/2021, Duncan, BC

- District Scholarship Recipient

References Available Upon Request