

Education

BACHELOR OF APPLIED SCIENCE AND ENGINEERING

SEP 2021 – APR 2026

University of Toronto, St. George Campus, ON

- Mechanical Engineering | Engineering Business

Related coursework: Mechanical Engineering Design | Fundamentals of Computer Programming (Python)

ONTARIO SECONDARY SCHOOL DIPLOMA

SEP 2017 – JUN 2021

Meadowvale Secondary School, Mississauga, ON

Professional Experience

DESIGN ENGINEERING INTERN

MAY 2023 – AUG 2023

Parts Apart | Toronto, ON

- Conducted the end-to-end development of a product, overseeing multiple stages of the product lifecycle
- Performed extensive market research to identify and define a target niche
- Employed computer-aided design (CAD) and manufacturing processes to develop and enhance prototypes
- Collaborated closely with the company founder to transform the concept into a tangible product

COMMUNICATIONS MANAGER & PROJECT TEAM MEMBER

JAN 2022 – APR 2022

Engineering Strategies and Practice II | University of Toronto

- Spearheaded the development of a design project for a prominent client, a professor seeking a device for the course: *Six Sigma for Engineers*
- Responsible for handling all communication between the client and the team, ensuring efficient collaboration
- Created documentation, encompassing conceptual designs and detailed design specifications
- Designed, created and delivered a functional prototype, successfully presenting it to the client for evaluation

Projects and Extra-Curriculars

MINIATURE PNEUMATIC ENGINE

NOV 2022 (PROJECT)

George Brown College Machining

- Learned how to use various machines such as a lathe, mill, drill press, and grinder to create a functional engine
- Gained important knowledge on efficiency of design, relating to feed rates, cutting speeds and safety

DRIVETRAIN MEMBER

SEP 2022 – PRESENT

University of Toronto Formula SAE

- Obtained valuable experience regarding mechanical and vehicle design related to optimization, component selection, and manufacturing
- Collaborated with various teams on design improvements, such as working with the chassis team on suspension

HANDMADE COFFEE TABLE AND JEWELLERY BOX

DEC 2018 (PROJECT)

Meadowvale Secondary School

- Mastered how to use machines like a band saw and belt-sander to turn a plank of wood into a project-ready piece
- Acquired real-world experience in construction

Technical Skills

Python
MATLAB
Solidworks
Machining

Certifications/Awards

Solidworks Associate
Valedictorian

Soft Skills

Time Management
Collaboration
Critical Analysis
Networking