

**Mohid Tahir**  
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## Education

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### BACHELOR OF APPLIED SCIENCE AND ENGINEERING

**SEP 2021 – APR 2026**

University of Toronto, St. George Campus, ON

- Mechanical Engineering | Engineering Business

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

### ONTARIO SECONDARY SCHOOL DIPLOMA

**SEP 2017 – JUN 2021**

Meadowvale Secondary School, Mississauga, ON

## Professional Experience

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### DESIGN ENGINEERING INTERN

**MAY 2023 – AUG 2023**

Parts Apart | Toronto, ON

- Performed extensive market research to identify and define a target niche
- Conducted the end-to-end development of a product, overseeing multiple stages of the product lifecycle
- Employed computer-aided design (CAD) and manufacturing processes to develop and enhance prototypes
- Engaged in close collaboration 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*
- Orchestrated seamless communication channels between the client and the team, ensuring efficient collaboration.
- Produced meticulous documentation, encompassing conceptual designs and detailed design specifications.
- Formulated and delivered a functional prototype, successfully presenting it to the client for evaluation.

## Projects and Extra-Curriculars

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### MINIATURE PNEUMATIC ENGINE

**NOV 2022 (PROJECT)**

George Brown College Machining

- Learned how to use various machines such as a lathe and mill to create a functional miniature pneumatic engine.
- Gained important knowledge on efficiency of design

### DRIVETRAIN MEMBER

**SEP 2022 – PRESENT**

University of Toronto Formula SAE

- Obtained valuable experience regarding mechanical and vehicle design
- Collaborated with various teams to create the best project

### 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

## Certifications/Awards

## Soft Skills

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**Python**  
**MATLab**  
**SolidWorks**  
**Machining**

**SolidWorks Associate**  
**Valedictorian**

**Time Management**  
**Collaboration**  
**Critical Analysis**  
**Networking**