

Viho Huang

Engineer Intern

Contact

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Education

McMaster University
Hamilton, ON
B. Engineering

**Notre Dame Catholic
Secondary School**
Brampton, ON
International
Baccalaureate Diploma

Key Skills

Python, Java
CAD Design
Microsoft Office
Azure Fundamentals
MATLAB
Collaboration
Leadership
Time Management

Awards

Ontario Scholar
Spirit of Math Honours
Waterloo Distinction

Objective

I am a current student at McMaster University, studying engineering with hopes of specializing in Software Engineering. I am an outgoing and curious student, willing to step out of my comfort zone and take on challenges in my career. I have completed the International Baccalaureate Diploma Programme and am equipped with skills in mathematics, Python, Java, Microsoft Office, Azure Fundamentals as well as CAD programs. I aim to further enhance my skills by working alongside various companies and professors in the industry.

Work Experience

June 2024 – August 2024

Lifeguard • City of Brampton, Brampton

- Monitored pool to ensure the safety of all patrons, responding swiftly and effectively to emergencies.
- Supervised swimmers, enforcing rules and regulations to prevent accidents and promote safe water practices.

September 2022 – June 2024

Assistant Teacher • Spirit of Math Schools, Brampton

- Facilitated student learning by providing targeted assistance with advanced mathematical concepts and homework assignments.
- Managed administrative responsibilities, including attendance tracking, homework submission, and lesson preparation.

Projects

Package Transfer Mechanism Design • First-Year Engineering Project

- Designed, built, and coded a mechanism using linear and rotary actuators to transfer a package between two platforms.
- Collaborated in a team to plan, prototype, and test the device, achieving reliable performance.

Fitness Tracking App Prototype • Personal Project

- Developed a fitness tracking app prototype using Python, allowing users to set goals and monitor progress.
- Strengthened teamwork and project management skills by collaborating with peers.

References available upon request