

Josephine Yang

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EDUCATION

University of Toronto St. George

Toronto, ON

Bachelor of Applied Science, Engineering Science

Sep. 2024 – April 2029

- Relevant Courses: Comp. Algor. & Data Structures (Python, C), Praxis (Engineering Design), Linear Algebra (MATLAB), Structures & Materials (Civil Engineering), Electric Circuits (protoboard)

Westdale Secondary School

Hamilton, ON

OSSD, IB HL Math, IB HL Biology, SHSM Health & Wellness

Sep. 2020 – June 2024

- Relevant Courses: Technological Design (AutoCAD), Computer Science (Java, Python)
- Clubs: DECA/Westdale Business Club (President), HOSA/Healthcare Club (Vice-President), Warriors for Wellness (Student Leader), Environmental Club (Co-founder), Biology Club (Co-founder), Computer Science Club (Member), Robotics Club (Member), etc.

WORK EXPERIENCE

Pharmacy Assistant

July 2022 – Aug. 2024

Shoppers Drug Mart 1056 & 1460

Hamilton, ON

- Supported pharmacists with managing pharmacy workflow by processing prescriptions and addressing customer inquiries
- Effectively handled high-pressure situations arising from insurance issues, backlogs, and inventory shortages, maintaining professionalism and customer satisfaction

EXTRACURRICULARS

UTAT Rocketry | Liquid Propulsion Subsystem

Oct. 2024 – Present

General Member

- Contributed to the development of rocket engine CAD models using Onshape and SolidWorks
- Learned Ansys Mechanical to simulate pressure on a nozzle

Royal Canadian Sea Cadets | 96 Dundas

Sep. 2018 – June 2024

Chief Petty Officer 2nd Class

Dec. 2022 - June 2024

- Held leadership appointments including Regulating Petty Officer, Chief of Training, Guard Commander
- Led and mentored junior cadets during training nights, ensuring discipline and enhancing skill development

COMPETITIONS

Engineers in Action Bridge Design Case Competition | 1st Place

October 2024

Design and Engineering Competition

Toronto, ON

- Designed a bridge using AutoCAD based on a case study and presented design choices with a teammate

HOSA International Leadership Conference | Pharmacy Science 2nd Place

June 2024

Healthcare Competition

Houston, Texas

- Demonstrated pharmacy knowledge and various skills via an event scenario, including compounding an oral suspension and withdrawing liquid from a vial

CERTIFICATIONS

Standard First Aid & CPR/AED Level C

April 2023

Canadian Red Cross

Hamilton, ON

DELFI B2 (Upper-Intermediate Level)

June 2024

French Language Competency Certification

Hamilton, ON

SKILLS

Programming Languages: Python, C/C++, MATLAB, Java, HTML, CSS

CAD & Other: Onshape, AutoCAD, SolidWorks, Ansys Mechanical

Interests: Alto Saxophone, Figure Skating, Longboarding