Dylan Ha

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EDUCATION

Toronto Metropolitan University (Ryerson University)   Toronto, ON
Bachelor of Science in Computer Science with Co-op   *Sept. 2021 – June 2026*

- 3.81 CGPA
- Clubs: Metropolitan Data Science Association (Creative Vice President), TMU Esports (Creative Executive)
- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Discrete Mathematics

EXPERIENCE

Media Content Specialist   May 2022 – Present
ICUC   *Toronto, Ontario*

- Developed and posted interactive content through multiple social media platforms.
- Oversaw and tracked engagement patterns on a daily basis for 100+ interactions.
- Drove a 5% improvement in facilitating escalations between consumers and client relations.
- Analyzed large sets of consumer data and social media metrics for clients.

Logistics and Administration Staff   June 2020 – Aug. 2020
Royal Canadian Air Cadets   *Trenton, ON*

- Created a procedure to streamline intake and exhaust processes for 400+ persons, reducing procedure times by 50%.
- Conducted surveys gaining 100+ engagements to improve the quality of life of the camp.
- Created packages that simplified camp standard operating procedures by 25%.

PROJECTS

Big Bank | *Python, Flask, React, MySQL, JavaScript*   Jan 2023 – April 2023

- Developed a full-stack web application using Flask with React as the frontend, using proper SDLC processes.
- Utilized Flask to build ATM classes, emulating banking functions such as Deposits, Withdrawals, and Transfers.
- Developed a secure React frontend connected to an SQL server for user interaction and secure data storage.

War Game | *Elixir, Haskell, Rust*   Jan 2023 – April 2023

- Created an automated program for the card game "War" in three different programming languages.
- Implemented recursion functions to iterate through each hand and deck and determine winners on each turn.
- Showcased proficiency in software design and functional paradigm programming.

Personal Website | *HTML, JavaScript, CSS*   Jan 2023 – April 2023

- Designed and developed a fully responsive website to showcase personal projects and skills.
- Implemented various interactive features such as hover effects and animations using CSS and JavaScript.

AWARDS

AMD x EngOut Case Competition | *1st Place*   April 2021

- Analyzed data sets from McKinsey & Co to deduce a correlation between employee turnover and diversity.
- Developed a promotion system that allows large companies to increase financial performance by 25%.
- Created a professional slide deck in 24 hours and pitched the design to a panel of judges.

Dean's List   2021 – Present

- Demonstrated exceptional and consistent excellence in academic performance, achieving Dean's List honors.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, Elixir, Rust
Web Development: React, Flask, HTML, CSS, PHP
Other Tools: MySQL, Git, Github, Premiere Pro, Figma, VS Code