

RAYMOND MA

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Education

McMaster University - Bachelors of Software Engineering

Sept 2021 - April 2025

- **Courses:** Object-Oriented-Programming, Computer Architecture, Data Structures, Discrete Mathematics
- **GPA:** (3.96/4.00), Dean's Honours List, Year 2

Pursuing AWS Cloud Practitioner Certification

June 2022 - Present

Skills

Languages: Java, Javascript, Python, HTML, CSS, Lua, SQL

Technologies: ReactJS, MySQL, Matlab, Git, Tensorflow, Flask, Google Vision, Azure, AWS, REST API

Experience

Faculty of Engineering - McMaster University

Sept 2021 - Aug 2022

Communications & Web Developer Assistant

Hamilton, ON

- Set the strategic vision for the web-developer team and streamlined the project management of McMaster Engineering's new landing website increasing automation and production by 30% (**HTML & CSS**).
- Programmed **40+ website pages** and focused on QA systems to ensure a smooth international launch.
- Advocated for and Implemented a new marketing platform for the communications department, increasing impressions to 120,000, as well as leading in-person events on campus.

Roblox Corporation

Jan 2022 - Present

UGC Creator & Game Developer

San Mateo, CA

- Pioneering digital fashion and products in the metaverse space. Concepting, 3D modeling, and texturing hundreds of unique virtual accessories in the Roblox marketplace for 45.5 million daily active players to customize their avatars with, individually generating over 100,000 sales.

Software Projects

Personal Website:	Built interactive website with React, HTML, CSS and Javascript .
ML Image Classification App:	Built Tensorflow ML Model & Modern React Front-End .
Uber Trips Data Analysis:	Analyzed New York's Uber Trips and Geography using Python & Numpy .
Amazon Data Scraper API:	Built an API by using Heroku, Express, and Node.js to scrap data from Amazon Products for eCommerce purposes.
Inviand Master:	Built deep Python neural networks to predict Enzyme Commission numbers from chemical reactions in SMILES (Chemical Text).

Leadership Experience

Microsoft

Jul 2022 - Present

Microsoft Learn Student Ambassador

Toronto, ON

- Executing student-targeted technical workshops and building social community projects with Microsoft.
- Active University student advocate for Microsoft Cloud Technologies.

DeltaHacks Hackathon

May 2022 - Present

Vice President Logistics

Hamilton, ON

- Set strategic timelines for executives and implemented logistical systems for the hackathon.
- Organized and launched one of Canada's largest Hackathons procuring over 1000+ participants.

Robotics @ Taiwan Elementary Schools (FIRST Robotics)

Jul 2019 - August 2019

Taiwan Robotics Initiative, Robotics Instructor & Co-Founders

Zhongli, Taiwan

- Developed an engaging, hands-on robotics-focused STEM curriculum for elementary school students.
- Secured \$2,500 in funding for robotics kits to be able to direct workshops to 160+ students, utilizing LEGO EV3 robots, VEX robots, and 3D printers.