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.

Pursuing AWS Cloud Practitioner Certification   June 2022 - Present

Skills

Languages: Java, Javascript, Python, HTML, CSS, Lua, SQL
Technologies: ReactJS, Figma, MySQL, Matlab, Git, Tensorflow, Flask, Google Vision, Azure, AWS

Experience

Faculty of Engineering - McMaster University   Sept 2021 - Aug 2022

Communications Assistant & Web Developer Intern   Hamilton, ON
- Set the strategic vision for the website-engineering team and streamlined the project management of McMaster Engineering's new landing website **(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.