Raymond Ma

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EDUCATION

McMaster University, Hamilton ON — Sept 2021 - Present
Software Engineering (B.Eng.) — *GPA:4.00/4.00*

EXPERIENCE

McMaster University Faculty of Engineering — Hamilton, ON
Communications Assistant — *Sept 2021 - Present*

- Set strategic vision and developed McMaster Engineering's new landing website.
- Executed multiple social media campaigns on LinkedIn, Instagram, Twitter, TikTok, and Facebook, procuring over 100,000 new impressions as well as organized in-person events on campus.

Roblox Corporation — San Mateo, California
3D Artist — *May 2021 - Present*

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

PROJECTS

Blank-It — Toronto, ON
Project Lead — *Jan 2022*

- Created a platform that utilized **Python, JavaScript, HTML, CSS** and uses **Google Cloud Vision API's** optical character recognition to create personalized quiz for students through personal notes in PDF files.

HsBDC Data Science Challenge — Toronto, ON
Project Coordinator — *Oct 2020 - Feb 2021*

- Conducted a scientific research manuscript to address issues within the quality of global education by utilizing **python** libraries to analyze large data-sets extracted from the international economical organization (OECD).
- Delivered presentations to Senior Data Scientists at RBC, Shopify and Health Care Industries.
- Secured 3rd place ranking in North America for CCUNESCO's Scholarly Communication Award.

LEADERSHIP EXPERIENCE

DeltaHacks Hackathon — Hamilton, ON
Vice President — *May 2022 - Present*

- Organized and launched one of Canada's largest Hackathons procuring over 750+ participants
- Set strategic timelines for executives and implemented logistical systems to maximum efficiency during the event

Taiwan Robotics Intitative — Zhongli, Taiwan
Robotics Instructor, Organizer — *Jul 2019*

- Instilled an interest in STEM content in elementary school students by developing an engaging, hands-on robotics-focused STEM curriculum and organizing STEM events with over 100 student attendees.
- Secured $2,500 in funding for robotics kits to be able to direct workshops to 160+ students, using LEGO EV3 robots, VEX robots, and 3D printers.

FIRST Robotics Competition — Toronto, ON
Head of Manufacturing Engineering — *Sept 2017 - Mar 2020*

- Engineered a robotics system for a World Championship Finalist Team 1310.
- Maintained and secured a $11,000 sponsorship portfolio by implementing marketing strategies, as well as creating and presenting the team's sponsorship outreach package.

PROGRAMMING SKILLS

- **Languages and Libraries**: Java, Python, Javascript, HTML/CSS, SQL, Flask, React, Numpy, Pandas

- **Technologies**: Figma, Google Cloud Services (AI Visioning, Storage and Databases)