

Melissa Ho

🔗 melyho.ca

✉ hom39@mcmaster.ca

in linkedin.com/in/melyho

Education

McMaster University

September 2023 – present

BSc in Mathematics & Computer Science

Relevant Coursework: Human Computer Interaction, Software Development, Data Science Methods, Databases, Web Programming, Statistical Methods

Experience

Front-End Development Intern

June – August 2025

Avant Techno Solutions for BMO

Automated the build process for the BMO Global Asset Management website built with Next.js, implementing an AWS Lambda function to export HTML files to a content-delivery network for server-side rendering.

DevOps Intern

May – August 2024

Avant Techno Solutions for BMO

Automated Docker image promotion in JFrog Artifactory with an Ansible template, reducing promotion time for 53 images from **106 min to under 5 min** (around 95% faster).

Updated Maven/SonarQube pipelines to meet enterprise standards.

Built an Azure Pipeline to deploy jobs via Ansible and trigger automated sanity tests.

Community

Design VP

May 2025 – present

Design Executive

July 2024 – May 2025

DeltaHacks @ McMaster University

Co-leading a team of **6** student-designers to create the visual experience for **600+** event participants, producing a high-fidelity website prototype, **20+** design assets, and **8+** custom merchandise items that strengthened event branding and participant engagement.

UI/UX Executive & Website Developer

February 2024 – August 2025

Ignition Hacks

Created and launched a responsive 6 section website using Figma, Adobe Illustrator, HTML, CSS, and JavaScript, reaching **300+** event participants.

Designed **30+** assets for social media posts, maintaining consistent visual identity.

Skills

Design: Figma, Adobe Creative Suite, Prototyping, Visual Design, User Research, Wireframing, Illustration

Programming: Python, Javascript, HTML, CSS, React, Next.js

Soft Skills: Communication, Collaboration, Team Leadership, Critical Thinking, Problem-Solving, Adaptability, Creativity