

Miiyu Fujita

[Portfolio Website](#) | [GitHub](#) | [LinkedIn](#) | miiyu.fujita@mail.mcgill.ca | Montreal, QC

EDUCATION

McGill University · B.Eng., Electrical Engineering · CGPA: 3.92/4.00

Sep. 2020 - Dec. 2024 (Expected)

SKILLS

- **Languages:** Python, Java, C, C#, Javascript, Typescript, HTML, CSS, Salesforce Apex, SOQL, SQL, YAML
- **Tech:** React, AWS, Git, Jira, Postman, Cypress, Azure, Figma, Tensorflow, Keras, pandas, NumPy, Jest, Express, Node

EXPERIENCE

Haivision

May 2023 - Sep. 2023

Software Development Intern | Front-End Web Development

- Improved and debugged over **80** features in a multi-theme component library used across company products; learned front-end development and version control best practices (**React, TypeScript, LESS (CSS), MDX, Storybook, Git**)
- Implemented a file explorer component, allowing users to create, modify, delete, move, and navigate through files, using **data structures and algorithms** concepts i.e. Trees, Hash Maps, traversals
- Improved performance of library's data table component through row virtualization and addition of unit tests in **Jest**

Pomerleau

Jan. 2023 - Apr. 2023

Software Developer Intern | Full Stack Web Development

- Developed a **full-stack** web application with over **10 front-end** features and **5 back-end** features to retrieve application user feedback and create Jira tickets in the corresponding project board (**React, Typescript, C#, Jira API, Figma**)
- Presented the above to the development team, received positive feedback from clients who used the tool in their workflow
- Improved safety of feature deliveries by introducing unit and end-to-end **tests** to the CI/CD pipeline (**Cypress, YAML**)
- Corresponded with 3 teams and their clients, debugged and wrote numerous back-end functions/scripts to ensure Salesforce to ServiceNow data connector met client needs and deadlines (**Postman, Salesforce Apex, C#**)

McGill University | NSERC Undergraduate Student Research Award

May 2022 - Aug. 2022

Research Intern | [GitHub](#)

- Researched electricity distribution network hosting capacity methods to quantify impact of renewable DERs on the grid
- Increased productivity of data analysis by automating parsing and computation of simulation results in **Python**

Business Development Bank of Canada

Jun. 2021 - Aug. 2021

Cyber/IT Risk Analyst Intern

- Facilitated technology risk assessments of 5 third-party services and aided 26 company-wide cyber risk training conferences

PROJECTS

MunchPoints | WaffleHacks Hackathon Winner (Honourable Mention out of 500+ participants)

Jun. 2023

Hackathon Project | [GitHub](#) | [Devpost](#)

- Developed a point-based system to connect businesses and students to fight food insecurity, using the **MERN** stack

MAGIC: Martian Analysis for Geological and Intelligent Classification

Sep. 2022 - Mar. 2023

Personal Research Project | [GitHub](#) | [Abstract](#)

- Trained a preliminary rock classification model in hopes of aiding ongoing Martian research, accepted to LPSC 2023

LEADERSHIP & INVOLVEMENT

- **Project Lead - McGill Rocket Team:** Collaborated with 3 students to develop a rocket telemetry visualization dashboard.
- **Deputy Project Manager - Automated Storage/Retrieval System:** Led 6 students. Final system sorting and delivery requirements outperformed by **400%** & **167%** respectively. **100%** success rate of functions achieved through iterative testing.