

Miiyu Fujita

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

EDUCATION

McGill University · B.Eng., Electrical Engineering · CGPA: 3.94/4.00

Sep. 2020 - Dec. 2024 (Expected)

SKILLS

- **Languages:** HTML, CSS, Javascript, Typescript, C#, Python, Java, Salesforce Apex, SOQL, VHDL, ARM Assembly, SQL
- **Tech:** React, Git, CI/CD, Github Actions, Postman, Cypress, Azure, Figma, Tensorflow, Keras, pandas, NumPy

EXPERIENCE

Haivision Systems Inc.

May 2023 - Sep. 2023

Software Development Intern

Pomerleau Inc.

Jan. 2023 - Apr. 2023

Software Developer Intern | Full stack web development

- Streamlined existing testing processes by designing & developing a feature-rich full stack web application to automate creation of Jira tickets with **10+** corresponding front end features and **5** API endpoints (**React, Typescript, C#, Jira API, GitHub API, Azure, Figma**)
- Presented and proposed the integration of above project to innovation department's development team, where **4+** existing projects integrated the tool into their workflow; received positive feedback from clients
- Improved safety and efficiency of feature deliveries by introducing component and end-to-end tests and integrating them, along with third-party security scans, to the project CI/CD pipeline (**Cypress, GitHub Actions, YAML**)
- Communicated with 3 teams and their clients, debugged and implemented 10+ Apex classes / C# backend functions to ensure Salesforce to ServiceNow data connector met client needs and deadlines (**Postman, ServiceNow API, 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

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.
- **Co-Founder & Co-Facilitator - McGill Book Club:** Extra-curricular book club, amassed **200+** member registrations.
- **MAIS202 - McGill Artificial Intelligence Society:** Machine Learning Bootcamp attendee. Trained yolov3 computer vision model using Google's Open Images Dataset to recognize humans in a given image.