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, Jest

EXPERIENCE

Haivision Systems Inc.   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 web development best practices **(React, TypeScript, LESS (CSS), MDX, Storybook)**
- 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 Inc.   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#, Azure, 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 component and e2e **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, 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

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

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.
- **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.