

ABHIJEET PRAVEEN

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📍 Montreal

Profile

A McGill & MILA MSc candidate in Machine Learning under the supervision of Professor Narges Armanfard, adept in software development across various platforms, including web services, RestAPI protocols and Java Spring Boot. Proficient in Java, Python, and JavaScript front-end technologies such as React and Vue.js, with a strong foundation in collaborative project management and agile methodologies. Passionate about leveraging AI and ethical coding practices to develop scalable, user-centric solutions.

Education

McGill University & MILA

Sep. 2024- Apr. 2026

Master of Science in Electrical & Computer Engineering

Montreal, QC, Canada

- AI Research at the iSmart lab under the supervision of Professor Narges Armanfard

McGill University

Sep. 2020- Apr. 2024

Bachelor of Engineering Computer Engineering, Minor: Applied Artificial Intelligence, GPA: 3.8/4.0 *Montreal, QC, Canada*

- Quebec Government Excellence Bursary for maintaining high GPA

Experience

Machine Learning Developer & Founding Member

June 2023- July 2024

ARVO A.I. (McGill backed Startup)

Montreal, QC, Canada

- Helped initiate and spearheaded a diverse team comprising of 10 R&D developers and 10 software developers.
- Developed the R&D team's structure, completed project assignments within tight deadlines.
- Developed R&D team's market strategy research framework to analyze ongoing business trends.
- Independently worked on Hyperspectral Imaging Analysis for Alzheimer's Research

Software Developer Intern

May 2023- Aug. 2023

Hivestack Inc.

Montreal, QC, Canada

- Collaborated with a dynamic software team, gaining hands-on experience in developing and maintaining applications.
- Leveraged a comprehensive skill set encompassing both front-end and back-end technologies.
- Contributed to the successful delivery of products that adhered to user requirements.
- **Tools:** Python, Vue.js, JavaScript, JIRA, Confluence

Business Intelligence Development Intern

May 2022- May 2023

Western Alliance Logistics

Kirkland, QC, Canada

- Contributed to projects implementing an automation of day-to-day business activities.
- Used RPA (Robotic Process Automation) technologies to decrease time taken in completing tasks by transforming them into a fully automated program.
- Decreased time consumption by a factor of 100 from 5 hours in a day to 3 minutes.
- **Tools:** Python, Microsoft Power Automate, Microsoft Power BI

Projects

Multinational Fantasy Soccer League | www.mfsl-game.ca

Sep. 2023- Apr. 2024

- Design project taken up in collaboration with three other software developers.
- MFSL is a full stack web application that is built using the Agile methodology.
- Combines the excitement of soccer leagues across Europe into one fantasy league game.
- Users are able to create their squad from players across the top five European soccer leagues in the world.
- **Built with:** Java, Springboot, AWS, Docker, MySQL, React, TypeScript, JIRA, Confluence, REST API

Gympose | Devpost

Oct. 2022

- Completed an AI based hackathon project building a web based program capable of activity recognition.
- Helps newcomers get familiar with new exercises that they try in the gym.
- The program uses pose estimation in order to identify the exercise.
- Lists the target muscles as well as the positives and negative aspects of the exercise.
- **Awards:** People's Choice Award for Best Hack
- **Built with:** Python, JavaScript, React, Machine Learning, Pose Estimation, CNN Model, LSTM Model