

Aditya Negi

438-926-7075 📞 - aditya.negi@mail.mcgill.ca ✉️ - <https://www.linkedin.com/in/negi-aditya/> 
Montreal, QC - <https://www.aditya-negi.com> 🌐 - <https://www.github.com/adityanegii> 🌐

Software engineering student at McGill University with hands-on industry experience in full-stack development, data structures, and machine learning.

Skills

Programming/Scripting languages

Python, Java, C, JavaScript, ARM Assembly, HTML, CSS, SQL, TypeScript

Libraries and Frameworks

SpringBoot, NodeJs, NextJs, React, Flask, PostgreSQL, NumPy, Pandas, Pygame, Delphi, scikit-learn, Looker Studio

Other

Git, REST architecture, APIs, Linux, TCP/IP, Windows Services, Machine Learning

Education

Bachelor of Software Engineering

McGill University 2021-2025
GPA: 3.7/4

DEC in Pure and Applied Sciences

Marianopolis College 2019-2021

Languages

English, French, Hindi Fluent
Spanish Intermediate

Experience

Software Engineer Jr.- Equifax Inc.

May 2024-August 2024

- Validated dashboards in Looker Studio using SQL queries to ensure data accuracy.
- Designed and built dashboards in Looker Studio with BigQuery to display key performance indicators.
- Implemented PGP encryption in Java to decrypt incoming files, enabling the secure updating of consumer information.

Developer- DevPro Media

May 2024-July 2024

- Worked on the development of two websites, enhancing front-end and back-end features using Next.js and Typescript.
- Developed and implemented multiple components and a complete page for a CMS-based website in Next.js.
- Added functionality to download recordings from the database for a REST API-based website, utilizing TypeScript.

Software Developer Intern- THORASYS Inc.

July-September 2023, January-April 2024

- Redesigned and implemented the data persistence method for the Tremoflo software using in-memory JSON.
- Compressed JSON data to optimize transmission efficiency and reduce data payload size.
- Developed a PoC Windows service in Delphi to establish communication with a medical device.
- Designed a data transfer mechanism to relay collected data to a separate analysis service for in-depth processing.

Software Engineer Jr.- Equifax Inc.

May-August 2022, May-June 2023

- Worked as part of the development team working on the Attribute Engine.
- Developed and tested features of the Attribute Engine in Python such as retrieving and processing consumer data.
- Designed and developed Python scripts to transform business data for other teams.

Projects

Soccer Match Predictor ([GitHub](#))

2023

- Performed data engineering and feature engineering to prepare and optimize data for training.
- Trained pre-built supervised learning models using Python to forecast soccer match outcomes.
- Developed a web application in Next.js and connected it using Flask to the back end to display the predictions.
- Achieved a result prediction rate of around 60% and a score prediction rate of around 16%.

LeMuseum Application

2022

- Developed a full-stack web application for a museum management system, utilizing Spring Boot for the backend, PostgreSQL for the database, and React for the frontend.
- Implemented user authentication and role-based access control to support different functionalities for museum owners, employees, and visitors.
- Designed and developed features for artwork management, including room assignments and storage, enabling dynamic display and loan processes.