

# Jayson Cabrera

 jaysoncabrera.ca |  linkedin.com/in/jayson-cabrera |  github.com/jaysonCab  
 jayson.cabrera2002@gmail.com |  (647) 571-8441

## Objective

I am a fourth-year software engineering student looking to develop my passion for Data Engineering and enhance my programming skills as part of a collaborative, professional team. I possess a strong foundation on ETL and CI/CD pipeline concepts and I am eager to contribute, utilizing my analytical, troubleshooting, and problem-solving skills to deliver value.

# Experience

- **Data Engineer, Sanofi | AWS, DBT, MWAA Airflow, Snowflake, Jira + Confluence** September 2024 – Present
    - Developed ETL pipelines deployed through CI/CD workflows onto AWS to move unstructured data from one website to another utilizing API calls on a project expected to generate €35M in company savings during 2025
    - Collaborated with project owners and business teams to understand data requirements, ensuring pipeline outputs actionable insights and provide useful information for informed decision making
    - Demonstrated ability to learn quickly and apply new technologies when solving complex issues in a fast-paced environment, using the agile development process to ensure timely and efficient delivery of high-quality solutions
  - **Controls Technician | Automobotics Controls Group Inc.** May 2023 – January 2024
    - Testing and resolving PLC logic related issues regarding automated riveting and welding robots' cells
    - Integrating and troubleshooting AGV's into a small-scale electric vehicle manufacturing line

## Education

- **McMaster University** January 2024 - Graduating in April 2026  
*Bachelors of Technology – Software Engineering*  
**Courses:** Data Structures and Algorithms, Operating Systems, Advanced Network Security, Contemporary Math
  - **Humber College** September 2020 – April 2023  
*Advanced Diploma – Electromechanical Engineering Technology*  
**Accomplishments:** Final Year Full Scholarship, Honour Roll

# Projects

- **Discord Social Media Full-Stack Application**   
*Node.js, React, SQL, Insomnia, JavaScript, MySQL Workbench*
    - Developed a Twitter-like application featuring CRUD operations for managing user posts
    - Created an authentication system using the bcrypt library to securely store usernames and hashed passwords
    - Employed Insomnia for API debugging and to validate functionality between Node.js and SQL databases
    - Implemented JWT-based authorization system that generates random session keys for users
  - **MyAnimeList Web Scraper**   
*Python, Tkinter, SQL*
    - Developed a python script that scrapes the title, ranking, and genres of a show by inputting a website URL
    - Entries are inserted into an SQL database which can be queried by genre to display all titles with that tag
    - Used Tkinter to provide a GUI for a user to query by genre and display the list of titles visually

## Skills Summary

- Languages Python, SQL, GitHub
  - Technology AWS, DBT, Airflow, Snowflake, Jira, Confluence, Postman
  - Concepts REST API, Data Structures, Algorithms
  - Soft Skills Workload Management, Extremely Adaptable, Professional Communication