


Jayson Cabrera

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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