

Miguel Angel Cabrera Victoria

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Education

Instituto Tecnológico y de Estudios Superiores de Monterrey

Bachelor's of Science in Computer Science

Mexico City, MX

June 2025

- **Concentration:** Advanced Artificial Intelligence for Data Science
- **Relevant Coursework:** Computing in Python, Object-Oriented Programming, DBMS, Software Engineering, Data Structures and Algorithms, Game Development, Machine Learning, Natural Language Processing, Software Lifecycle.

Experience

El Puerto de Liverpool

Automation Developer Intern

Mexico City

July 2024 – February 2025

- Automated processes and transactions
- Utilized tools such as UiPath and Python for process automation
- Developed foundation knowledge of Robotic Process Automation (RPA)
- Train Artificial Models with UiPath

AMX Contenido

Automation Developer Intern

Mexico City

February 2024 – July 2024

- Executed intensive endpoints testing using Postman
- Identified and resolve functional issues in the API endpoints
- Contributed to the continuous improvement of the backend using PHP, NestJS, SQL, MongoDB and Docker
- Applied debugging techniques to enhance the system performance
- Participate in code reviews sessions

Projects

GPT (Generative Pretrained Transformer)

- This project involves the implementation of a GPT2 based model using the Transformer architecture, trained on a dataset sourced from Project Gutenberg. The goal is to explore the potential of AI in generating coherent, contextually relevant text to improve language understanding tasks. Key components of the project include data preprocessing, model training and evaluation of the generated text.

Skills & Interests

Programming: Python, JavaScript, HTML/CSS, SQL, Node.js, C++

Technical: Data Structures/Algorithms, Machine Learning, Databases (relational/ non-relational), Git

Platforms: Linux, MacOS, Windows

Language: Spanish, English