JAIR ARMANDO MARTINEZ CASTILLO

DATA ENGINEER

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PROFILE

I am a dedicated data engineer, with aspirations to become an ML Ops or ML Engineer. Passionate about machine learning, I continuously expand my technical skills and stay updated on the latest tech advancements. Proactive and adaptable, I excel in diverse environments and consistently strive for efficiency and excellence. My goal is to leverage my skills to drive innovation in machine learning.

TECHNICAL SKILLS

GOOGLE BIG QUERY

PYTHON · ML MODELS

BI TOOLS · HTML CSS

GEOSPATIAL ANALYSIS · WEB SCRAPPING

APACHE SPARK · LINUX

CERTIFICATES

- Data cleaning (ETL)
- Feature Engineering
- Data visualization
- Web Scrapping
- Project Manager

EDUCATION

DATA ENGINEERING

Universidad Politécnica de Yucatán

2021 - 2025

LANGUAGES

English C2 level - Itep Certification

Spanish native

EXPERIENCE

PLENUMSOFT

Data Engineer & Python Developer

2024 - Present

- Architecting and optimizing web scrapers using Selenium and
- Beautiful Soup.
- Curating and transforming large datasets for economic analysis.
- Orchestrating and safeguarding data quality and
- integrity.

CENTRO GEO

Algorithm and Model development

2024 - Finished

- Formulated using satellite images to detect coastline
- changes in Progreso.
- Deployed regression models by utilizing the Google Earth engine and showcased the changes and progression of the coastline.

IBITS ACADEMY

Researcher

2022- 2023

- Investigated research on the state-of-the-art Business
- Intelligence (BI) tools.
- Evaluated BI tools using the Gartner Magic
- Quadrant.