Carlos Lezama

Data Engineer

Summary

Excited to apply 2+ years of experience in statistical modelling towards developing data-driven solutions for risk analysis and strategic management. Focused in leveraging cutting-edge technologies and tools to build scalable and reliable data infrastructures. Enabling accurate and timely decision-making through these processes is of utmost importance.

Relevant Experience

Data Engineer @ RappiCard
Feb 2023 – Present // Remote

- Contributed to the successful migration of data from one Snowflake environment to another, resulting in cleaner and improved data workflows for all teams in Mexico.
- Developed and maintained automated data validation and testing processes to ensure data accuracy and completeness post-migration.
- Responsible for securely sharing hashed information with universities for research purposes, while ensuring compliance with all relevant privacy laws and regulations.
- Worked collaboratively with cross-functional teams to define data requirements and ensure data quality and consistency.

Teacher @ Datalab ITAM
Jan 2022 – Present // Mexico City

- Designed and delivered engaging course materials for Machine Learning courses.
- Provided personalized feedback and guidance to students to help them succeed on projects with a social focus.

Customer Lifecycle Analyst @ RappiCard
May 2022 – Feb 2023 // Remote

- Developed statistical analyses to measure and increase the share and the engagement of our credit card in the market.
- Estimated the preferences of our clients for different credit cards based on information granted by the credit bureau.
- Collaborated in the planning of strategies for increasing credit lines to maximize profits based on the consumption and payment patterns of our customers.

Web Developer @ Datalab ITAM
Jan 2022 – Dec 2022 // Remote

- Developed and redesigned ITAM's data science laboratory website using Hugo and Netlify.
- Worked closely with students from different disciplines in the development of an educational application powered by augmented reality.

Analytics Intern @ DiDi Food
Dec 2021 – Apr 2022 // Remote

- Evaluated revenue optimization strategies to increase penetration and capture market shares for Mexico, Central America, and Colombia.

Blockchain Developer Trainee @ BlockchainDevs ITAM
Feb 2020 – Dec 2021 // Mexico City

- Upskilled in the mathematical foundations of Blockchain and smart contract programming on the Ethereum network using Solidity.

Education

Instituto Tecnológico Autónomo de México (ITAM)
2018 – 2023 // Mexico City

Bachelor of Economics
Minor in Economic Theory

Skills

Programming Languages

JavaScript, Python, R, Solidity, SQL

Libraries / Frameworks

Airflow, Ethereum, Gatsby, Hugo, Kafka, Polars, scikit-learn, TensorFlow, tidyverse, tidymodels

Tools / Platforms

Anaconda, AWS, Databricks, dbt, Docker, Git, Google Cloud, Kubernetes, Microsoft Azure, Netlify, Snowflake

Design
Canva, CSS/Sass, LaTeX

Relevant Courses

Empirical Industrial Organization
Fall 2022 // ITAM

Advanced Microeconometrics
Spring 2022 // ITAM

Simulation Theory
Fall 2021 // ITAM

Statistical Learning Theory
Spring 2021 // ITAM

Interests

Learning languages, making music, traveling, writing poetry