

Carlos Lezama

Data Engineer

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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