

Camilo Andrés Zamora de la Torre

Data Science Technical Leader at Mercado Libre, leading data strategy for in-house LLM training. Electronics engineer with 7+ years building data, ML and analytics systems end to end.

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■ WORK EXPERIENCE

Mercado Libre Bogotá · Hybrid

Data Science Technical Leader Mar 2026 – Present

- Lead the data strategy for training in-house LLMs: continual pre-training, SFT and RL
- Help coordinate multiple squads of scientists and engineers, plus data initiatives with other teams
- Improved tooling and practices across the training workflow, from data generation to model evaluation
- Manage technical hiring and career development for the team

Senior Data Science Engineer Mar 2025 – Mar 2026

- Contributed to the systems that extract and organize millions of competitor products for the competitive intelligence platform
- Helped scale product matching to hundreds of millions of items using vector search, ML models and fine-tuned open-source LLMs
- Designed the training-data architecture and feature stores behind the matching engine

Data Science Engineer May 2022 – Mar 2025

- Developed and deployed statistical and optimization models for demand forecasting, inventory optimization and automated replenishment
- Implemented data pipelines and integrations consumed by both dashboards and models

Kolibrika Remote

Engineering Leader (Freelance) Jan 2023 – Dec 2024

- Developed custom AI-powered business intelligence systems from scratch for mid-sized companies
- Integrated data from enterprise software (ERPs, CRMs) into a central warehouse, with dashboards used across every layer of the company

Frubana

Bogotá · Remote

Senior Data Analyst

Dec 2020 – May 2022

- Deployed machine learning and optimization models for pricing, supplier sourcing and stock transfers
- Built NLP models for automated matching of competitor product prices against our own catalog
- Automated lengthy manual processes (data entry, recruitment tests) with bots and dashboards

Delta IT Solutions

Bogotá · Onsite

Security Specialist

Dec 2018 – Nov 2020

- Automated identity and access management (IAM) for public-sector and enterprise customers on IBM Security solutions
- Implemented single sign-on, multi-factor authentication and access control systems

■ EDUCATION & CERTIFICATIONS

Pontificia Universidad Javeriana

2014 – 2019

Electronic Engineering

- Emphasis: image and video processing, wireless networking, FPGA development
- Complementary studies: software engineering, Japanese language

IELTS Academic: Band 8 (C1)

2025

British Council

DS4A / Colombia 2.0: Graduated with Honors

2020

Correlation One

■ PUBLICATIONS

Cooperative Successive Interference Cancellation for NOMA in Downlink Cellular Networks

Jun 2021

- Presented at IEEE International Conference on Communications (ICC) 2021
- Research on state-of-the-art multiple access cellular networking

Comparing state-of-the-art methods of detection and tracking people on security cameras video

Jun 2019

- Published by IEEE
- People counting system for security camera video using Python detection and tracking algorithms, robust against overcounting

■ SKILLS

- LLM Training & Generative AI (SFT, RL, evaluation) · Machine Learning
- Data Architecture & Engineering · Python · SQL · Databases
- Backend, frontend and systems engineering
- Fluent in English and Spanish · Conversational Portuguese