

Curriculum Vitae

Personal information

<i>First name(s) / Surname(s)</i>	Camilo Andrés Zamora de la Torre
<i>Address</i>	Bogotá, Colombia
<i>Telephone</i>	(+57) 318 560 8101
<i>E-mail</i>	cazdlt@gmail.com
<i>LinkedIn</i>	linkedin.com/in/cazdlt
<i>GitHub</i>	github.com/cazdlt
<i>Website</i>	zamoradelatorre.com
<i>Nationality</i>	Colombian
<i>Date of birth</i>	22 June 1996

About me

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.

Work experience

<i>Dates</i>	Mar 2026 – Present
<i>Occupation or position held</i>	Data Science Technical Leader
<i>Main activities and responsibilities</i>	• 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
<i>Name and address of employer</i>	Mercado Libre, Bogotá, Colombia · hybrid
<i>Type of business or sector</i>	E-commerce / technology

<i>Dates</i>	Mar 2025 – Mar 2026
<i>Occupation or position held</i>	Senior Data Science Engineer
<i>Main activities and responsibilities</i>	• 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
<i>Name and address of employer</i>	Mercado Libre, Bogotá, Colombia · hybrid
<i>Type of business or sector</i>	E-commerce / technology

<i>Dates</i>	May 2022 – Mar 2025
<i>Occupation or position held</i>	Data Science Engineer
<i>Main activities and responsibilities</i>	• 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
<i>Name and address of employer</i>	Mercado Libre, Bogotá, Colombia · hybrid
<i>Type of business or sector</i>	E-commerce / technology
<i>Dates</i>	Jan 2023 – Dec 2024
<i>Occupation or position held</i>	Engineering Leader (Freelance)
<i>Main activities and responsibilities</i>	• 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
<i>Name and address of employer</i>	Kolibrika, remote
<i>Type of business or sector</i>	Data & AI consulting
<i>Dates</i>	Dec 2020 – May 2022
<i>Occupation or position held</i>	Senior Data Analyst
<i>Main activities and responsibilities</i>	• 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
<i>Name and address of employer</i>	Frubana, Bogotá, Colombia · remote
<i>Type of business or sector</i>	Food retail technology
<i>Dates</i>	Dec 2018 – Nov 2020
<i>Occupation or position held</i>	Security Specialist
<i>Main activities and responsibilities</i>	• 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
<i>Name and address of employer</i>	Delta IT Solutions, Bogotá, Colombia · onsite
<i>Type of business or sector</i>	IT security services

Education and training

Dates

2014 – 2019

Title of qualification awarded

Electronic Engineering (professional degree)

Principal subjects/occupational skills covered

Image and video processing, wireless networking, FPGA development.
Complementary studies: software engineering, Japanese language

Name and type of organisation providing education and training

Pontificia Universidad Javeriana, Bogotá, Colombia (higher education)

Dates

2020

Title of qualification awarded

DS4A / Colombia 2.0, Data Science for All (graduated with honors)

Principal subjects/occupational skills covered

Data analysis, machine learning and data engineering, with an industry capstone project

Name and type of organisation providing education and training

Correlation One (remote training program)

Language skills

Mother tongue(s)

Spanish

Other language(s)

	Understanding		Speaking		Writing
Language	Listening	Reading	Spoken interaction	Spoken production	Writing
English	C2	C1	C1	C1	C1
Portuguese	B2	B2	B1	B1	A2

English certified by IELTS Academic (British Council, 2025): Listening 9.0, Reading 8.0, Writing 7.0, Speaking 7.5, overall Band 8. Grid levels per the official IELTS-CEFR mapping.

Levels: A1 and A2: Basic user · B1 and B2: Independent user · C1 and C2: Proficient user. Common European Framework of Reference for Languages (CEFR), self-assessment grid.

Digital skills

- LLM training and generative AI: SFT, RL, model evaluation
- Machine learning and statistical modelling
- Data architecture and engineering: pipelines, warehouses, feature stores, vector search
- Python, SQL and databases
- Backend, frontend and systems engineering

Organisational and managerial skills

- Coordination of multiple data science and engineering squads
- Technical hiring and career development for data science teams
- Data initiatives across teams, from data generation to model evaluation practices

Additional information

Publications

Zamora, C. A., Mezquida, K., Combariza, G., Jaramillo-Ramirez, D., Kountouris, M. "Cooperative Successive Interference Cancellation for NOMA in Downlink Cellular Networks". ICC 2021 - IEEE International Conference on Communications, Montreal, Canada, Jun 2021. DOI: 10.1109/ICC42927.2021.9500423

Torregrosa Olivero, J. A., Burgos Anillo, C. M., Guerrero Barrios, J. P., Montoya Morales, E., Gachancipa, E. J., Zamora de la Torre, C. A. "Comparing state-of-the-art methods of detection and tracking people on security cameras video". 2019 XXII Symposium on Image, Signal Processing and Artificial Vision (STSIVA), Bucaramanga, Colombia, Apr 2019, pp. 1-5. DOI: 10.1109/STSIVA.2019.8730271

Certifications

- IELTS Academic: Band 8 (C1), British Council, 2025
- DS4A / Colombia 2.0: graduated with honors, Correlation One, 2020