



Mario Gutiérrez

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Languages

Spanish:

Native

English:

***toefl** TOEFL iBT Home Edition

Dec 2025

Score: 101

Technical skills

Programming languages

Python, Scala, JavaScript, React, React Native, SwiftUI, SQL

Cloud

Docker, Kubernetes

Databases

PostgreSQL, MongoDB, ElasticSearch

AI

Scikit-learn, TensorFlow, Keras, PyTorch

Big Data

Apache Spark, Apache Kafka, Apache Nifi

Key projects

GreenChoiceAI

Developed a sustainable AI router designed to optimize energy consumption

Data Orchestrator

Designed an automated data ingestion system using Elasticsearch and an integrated intelligent assistant

website

Personal website

[see more on GitHub](#)

Professional profile

I am a Data Engineer from the Universidad Politécnica de Madrid. My hobbies include sports in general, especially basketball, and spending time in nature. I also enjoy cultural activities such as going to the theater, visiting museums, or traveling. I am particularly interested in cybersecurity and machine learning, and I enjoy applying these fields to social initiatives that improve people's lives. Regarding my personality, I consider myself a detail-oriented individual with strong leadership skills who thrives in collaborative team environments.

Work experience



POLITÉCNICA

Research Intern | RSTI Research Group

Universidad Politécnica de Madrid | Nov 2024 – Present

Education



POLITÉCNICA

B.S. in Data Engineering and Systems

Universidad Politécnica de Madrid | Sept 2022 – Present



International Baccalaureate (IB) Diploma

Sept 2020 – June 2022

Awards & Honors

INDESIA

Winner – II IndesIAhack

Indesia | Nov 2025

Awarded for the creation of a sustainable AI router



POLITÉCNICA

Best Academic Record in the first year

Universidad Politécnica de Madrid | May 2024



Amancio Ortega Scholarship

Amancio Ortega Foundation | 2020

Involving advanced training from

