



# Mario Gutiérrez



mariogutierrezdelgado



maariogutierrez



mariogutierrez.net

## 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.

## 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](#)

## Work experience



### Research Intern | RSTI Research Group

Universidad Politécnica de Madrid | Nov 2024 – Present

## Education



### B.S. in Data Engineering and Systems

Universidad Politécnica de Madrid | Sept 2022 – Present



### International Baccalaureate (IB) Diploma

Sept 2020 – June 2022

## Awards & Honors

### INDESI A

### Winner – II IndesIAhack

Indesia | Nov 2025

Awarded for the creation of a sustainable AI router



### Best Academic Record in the first year

Universidad Politécnica de Madrid | May 2024



### Amancio Ortega Scholarship

Amancio Ortega Foundation | 2020

Involving advanced training from

