

Pablo Sierra



PG in Generative AI
and Applications (LLM)
| BSc in Computer
Engineer | BSc in
Biotechnology



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🏠 Madrid, Spain

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💻 Open to remote work

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Resume

Thinking of leaving my little mark on this world for others to benefit from.
Passionate about new artificial intelligence and LLM applications. Constantly learning, exploring and making new projects.

Education

- **Postgraduate degree in Generative AI and Applications (LLM)**
Since April 2024 **Aceleradora AI** Madrid
- **Double Degree in Computer Engineering and Biotechnology**
2018 **URV** Tarragona
 - ERASMUS in Institut National des Sciences Appliquées (Toulouse)
 - Computer Science Specialization
- **Certificate of Higher Education in Clinical and biomedical diagnostic laboratory**
2015 **IES Moratalaz** Madrid

Work experience

- **Data Scientist Researcher**
2023 **Anaxomics** Barcelona
Analysis of pharmacokinetic data, **data mining**, **language models**, NER models, database creation, normalization, standardization, update pipeline, **predictive model** creation...
- **Django Full Stack Development Instructor**
2023 **IP Informática Profesional** Remote
Constructed a robust eCommerce platform, imparting hands-on experience in user authentication, product cataloging, shopping carts, and secure payment gateways.
- **Quantitative Analyst and Bot Programmer**
From 2021 to 2023 **Self-employed** Remote
Creation of automated trading bots & Quantitative analyst for clients.
- **Private Lessons Teacher**
2021 **Self-employed** Remote
Programming and computer classes for university students
[Reviews](#)
- **Chief Scientist**
2016 **CSIC (Consejo Superior de Investigaciones Científicas)** Madrid
Stay at CSIC (CIAL) developing my research project.
Awarded as 2nd best project by INJUVE.
[See the paper here](#)

Personal Projects

DataWhisper: Arquitectura Basada En Agentes Para Text-to-SQL

This project creates a system that converts natural language queries into SQL using an intelligent agent architecture. The agents identify tables, generate, and run SQL queries, then deliver insights.

[Link](#)

PlugTrader

PlugTrader allows users to create and deploy automated trading strategies on MetaTrader 5 without programming knowledge. It includes tools for strategy creation, validation, and portfolio management, with free and paid options.

[Web](#)

FARMACODB: Automation of Data Extraction and Analysis

Automating extraction and analysis of pharmacokinetic data to build a comprehensive database and predictive model for drug half-life.

[Link](#)

Skills

DevOps

⚡ AWS - Docker - Bash ...and more...

AI/ML

⚡ **Langchain** - TensorFlow - Pytorch - Pandas - Seaborn - scikit learn - AutoGen ...and more...

Programming Languages

⚡ **Python** - C - C++ - Bash - Java - JavaScript ...and more...

Frontend & Backend

⚡ **Django** - Vue.js - Bootstrap - HTML - NGINX - RabbitMQ - MySQL - PostgreSQL - Redis - SQLite ...and more...

Others

⚡ **Linux** - Git - GitHub - Postman ...and more...

Hard Skills

Enthusiasm to learn

+40 courses taken in UDEMY and currently continuing

Highly organized and people skills

Languages

Spanish
Native

French
C1 (OLS) - B2 (DELF)

English
B2

Catalan
B1