Sergio Hidalgo López

Data Scientist and Engineer
Artificial Intelligence

My name is Sergio Hidalgo. I am a **data scientist** and **engineer** specialized in AI and **MLOps** technologies. In my free time I automate my life with **state of the art** technologies to implement my technical knowledge in everyday tasks.

Work Experience

◆ eSave | 2024 - today
AI Lead Engineer
- Development of state of the art generative AI implementations.
- Creation of chatbot pipelines to connect customers with services already provided by the company.
- Leading the creation of AI powered invoice readers and image processing.

◆ SIX | 2022 - 2024
Data and Systems Engineer
- Management of multiplatform systems through data automations.

◆ Acciona | 2022 - 2022
Data Scientist and Engineer
- Aim strategy optimization for thermosolar plants.
- Python development with Docker and Github CICD implementations.

Contact Me

- [Interactive Resume chatbot](#)
- [Linkedin](#)
- [Github](#)
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- Madrid (Spain)

Education

◆ 2016-2017
Amancio Ortega Fundation's scholarship
Lakeside High School, Atlanta (GA), USA

◆ 2018-2022
Data Science and Engineering degree
Universidad Carlos III, Madrid, Spain

Language

- English
- Spanish
- German
- French

Expertise Skill

- Python
- Artificial Intelligence
- Bash
- Docker technologies
- Git + github

Programming languages

- Python
- R
- Bash
- SQL + no SQL databases
- HTML + CSS + Javascript
- Java
- Matlab

Artificial Intelligence

- LLM and NLP
  - Chatbots
  - Text classification
  - Summarization
  - Sentiment analysis
- Computer Vision
- Stable Diffusion

Programming tools

- Git + Github + Github CI/CD
- Docker + Kubernetes
- LXC + KVM
- Jira + Agile methodology
- Visual Studio Code
- Azure + AWS + GCP

Relevant packages

- Langchain + LangGraph + LangSmith + LlamaIndex
- BotFramework
- OpenCV + Ultralytics
- Pytorch // Tensorflow
- Streamlit // Flask
- Scikit
- Pandas

Aptitudes

- Sociable
- Creative
- Patient
- Active listener
- Friendly
- Bilingual
- Thirst for knowledge
- Melomaniac

Complimentary education and activities

- Cambridge English CAE certificate (C1)
- Technovation mentor
- Technical conferences , UC3M
- Amancio Ortega Fundation's scholarship

Some remarkable projects

- AI-Powered Chatbot integrating a Language Model with enterprise applications
  - Python + Pytorch + Langchain + Whisper + Ollama APIs + Bot Framework

- Solar panel detection and segmentation from satellite images with computer vision
  - Python + Pytorch + Deep CNNs + Mundis APIs

- Aim strategy optimization for thermosolar plants
  - Python + Docker + Github CI/CD + Bash + Logging techniques