

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 a chatbot pipeline to connect customers to services already provided by the company.

◆ SIX | 2022 - 2024

Data and Systems Engineer

- Management of multiplatform systems through data automations.
- Gitlab management and creation of data pipelines for customers.

◆ 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
Foundation'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 Artificial Intelligence

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

- LLM and NLP
 - Development of 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
- GSuite

Relevant packages

- Pytorch
- Langchain
- Streamlit
- Scikit
- Pandas
- Jupyter lab
- Numpy

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 Foundation'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