

# 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

### ◆ SIX | 2022-

Data and Systems Engineer

- Infrastructure Department
- Management of Linux systems through data automations
- Gitlab management and creation of data pipelines for customers.

### ◆ Acciona | 2022

Data Scientist and Engineer

- Innovation department
- Aim strategy optimization for thermosolar plants
- Python development with Docker and Github implementations

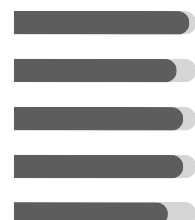
### ◆ Archlinux dev. | 2020-2022

Open-source software developer

- Experience in automating Linux deployment and software development
- Github skills and experience

## Expertise Skill

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



## 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



# 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
- Visual Studio Code
- GSuite

## Relevant packages

- Pytorch
- 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

- Selfhosted Interactive Resume chatbot from LLM finetuned model
  - Python + Pytorch + Streamlit + Whisper + Ollama APIs
- 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