Laiqian Ji

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Experience

Solver IA Jul 2025 – Present
AI Engineer *Valencia, Spain*

- Shipped chatbots and RAG agents with LangChain, LlamaIndex, and LangGraph.
- Designed self-hosted LLM assistants across 5 client projects with vLLM inference, local models and sector-specific features.
- Built MCP servers that connect agents to clients' internal systems.

Alwa, Emprendizaje Social May 2024 – May 2025
Collaborator *Valencia, Spain*

- Managed virtual campus operations for Fundación Princesa de Girona.
- Coordinated teams for The Challenge (Fundación La Caixa, 2024 and 2025) as Educoach.

Smarktek Apr 2023 – Nov 2023
SEO Analyst *Valencia, Spain*

- Led keyword research, on-page SEO audits and content strategy; increased client visibility by over 500%.

Education

Universitat Politècnica de València Sep 2022 – Jul 2026
BSc in Data Science *Valencia, Spain*

- Average grade of 9.1/10 with 10 Honors distinctions.

Zrive Sep 2024 – Dec 2024
Applied Data Science Program *Valencia, Spain*

- 13-week intensive program in Data Science. Developed project with ETS Asset Management Factory.

Projects

Forecasting using Autoencoders with **Inditex** — *Python, DL, LSTM, HyVAE, VAE* Feb 2025 – Jun 2025

- Researched and implemented autoencoder architectures for time-series forecasting to predict garment restocking.

Stock Market Asset Ranking with **ETS Asset Management Factory** — *Python, ML* Dec 2024 – Jan 2025

- Built classification model to generate a stock portfolio aimed at outperforming the S&P 500 index.

Valencia Connectivity Study — *Python, R, ML, Graph Analysis* Feb 2024 – Jun 2024

- Analyzed public transport connectivity in Valencia and its correlation with sociodemographic variables.
- Developed a Shiny app to visualize geographic and transport data.

Skills

Programming Languages: Python, JavaScript, R, SQL

Tools & Frameworks: TensorFlow, PyTorch, FastAPI, Git, Docker, LangChain, LlamaIndex, LangGraph, vLLM, MCP, Streamlit, AWS, Azure, Scikit-learn, OpenAI API, PostgreSQL

Languages: Spanish (Native), Catalan (Native), English (Advanced), Chinese (Basic)

Awards & Extracurricular

1st place, Mercadona Hackathon (2025): Built a recipe-from-photo extension for the Mercadona app that also automatically adds ingredients to the user's shopping list.

1st place, Gennera 5U CV 4th Edition (2023): Proposed an optimization to cut asphalt-heating time in road construction by pre-heating the asphalt using solar energy.

3rd place, Ideas UPV Challenge XIII (2023): Built a RAG assistant to simplify university bureaucracy.

Clubs & Networks: Founder and president of Sigma Data Club; member of UPV Investment Club, ACM-UPV and Competitive Programming UPV; Nova Talent member.

Courses & Certificates: AI Agents (Hugging Face), Data Analysis (Google, freeCodeCamp), Python (Google).