LAIQIAN JI

Valencia, Spain

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Education

Universitat Politècnica de València   **Sep 2022 – Jul 2026**
BSc in Data Science   *Valencia, Spain*
- Average grade of 9/10 with 8 Honorific Mentions for academic excellence.
- Active in university clubs and hackathons; founded Sigma Data Club.

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.

Spain Air Quality Study — *Python, Excel, EDA*   **Feb 2023 – Jul 2023**
- Conducted exploratory data analysis on air quality data from multiple Spanish cities using public datasets.

Experience

Solver IA   **Jul 2025 – Actual**
AI Developer   *Valencia, Spain*
- Integration of Keycloak for company-wide authentication templates.
- Development of chatbots for academic publication client to automate onboarding, budgeting, and information retrieval.
- Improved agentic RAG (Retrieval-Augmented Generation) performance by implementing advanced chunking and retrieval techniques, enhancing response accuracy and contextual relevance.

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 development.
- Increased client visibility by over 500% through content marketing initiatives.

Skills

Programming Languages: Python, JavaScript, R, SQL

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

Soft Skills: Problem solving, critical thinking, communication, teamwork, time management

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

Awards & Extracurricular

University Clubs: President and founder of Sigma Data Club; contributed to UPV Investment Club, ACM-UPV, and Competitive Programming UPV.

Challenges & Hackathons: Winner - Gennera 5U CV 4th Edition, Winner - Mercadona Hackathon, 3rd Place - Ideas UPV Challenge XIII.

Courses & Certificates: Hugging Face AI Agents, Data Analysis (Google, FreeCodeCamp), Digital Marketing (edX), Python (Google).