RAÚL JIMÉNEZ SUÁREZ

COMPUTER SCIENCE ENGINEER

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Computer Engineer specializing in Computation, a field that excites me because it allows me to turn ideas into real solutions. I've always been fascinated by understanding how things work, and computing has given me the tools to explore and create. I love diving into its different branches, such as artificial intelligence, machine learning, and algorithm optimization, always looking for the most efficient way to solve problems. I enjoy tackling new challenges, constantly learning, and finding better ways to do things.

WORK EXPERIENCE

Artificial Intelligence Engineer at Atrebo
July 2025 - Present

Artificial Intelligence Engineer at Atrebo: Development and deployment of enterprise AI solutions using Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG). Responsibilities included prompt engineering, fine-tuning, and model optimization (quantization, distillation, LoRA), integration of scalable pipelines (LangChain, FastAPI, Docker, Kubernetes), and model evaluation with advanced metrics. Experience with MLOps practices (MLflow, monitoring, reproducibility), vector databases (FAISS, Pinecone), and cloud AI services, delivering production-ready intelligent systems.

Harvest Prediction at AgroTechnology
Nov 2024 - Present

Development of a machine learning model to predict strawberry crop yields, carried out in collaboration with a local company and currently accelerated by the Andalucía Open Future programme.

Jan 2025 - June 2025

Polyp Detection Using Deep Learning Techniques

Research project in University of Huelva.

Internship at NTT DATA Europe & Latam
July 2024 - Septiembre 2024

Participation in projects with Endesa, focusing on machine learning, automation, and process optimization. Development and integration of APIs and algorithms, with a focus on CI/CD and performance. Team collaboration, technical documentation, and problem-solving in dynamic environments.

ACADEMIC TRAINING

2025 - 2027

MASTER'S DEGREE IN COMPUTER ENGINEERING - BIG DATA & CLOUD COMPUTING

- Higher Technical School of Engineering, University of Huelva

2021 - 2025

DEGREE IN COMPUTER ENGINEERING - COMPUTER SCIENCE

- Higher Technical School of Engineering, University of Huelva

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CERTIFICATIONS

DATA SCIENCE BOOTCAMP 2024
ÛDEMY 32-hour course

MACHINE LEARNING 2025
STANFORD 150-hour program

PROMPT ENGINEERING 2025
DEEPLEARNING.AI 15-hour course

LANGUAGES

ENGLISH

- Certificate B1, Trinity College London. (C1 in progress)
- Reaching level B2 in comprehension and communication

KNOWLEDGE

- **Programming & Software Development**: Python, Java, C#, C++
- **Data Science & Computational Analysis**: R, Matlab, SQL, Pandas, NumPy
- **Artificial Intelligence & Machine Learning**: TensorFlow, PyTorch, Scikit-learn

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SKILLS

- Teamwork and collaboration
- Communication skills
- Creativity
- Problem-solving
- Adaptability
- Time management
- Decision-making