

RAÚL JIMÉNEZ SUÁREZ

COMPUTER SCIENCE ENGINEER



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[Portfolio](#)



[GitHub](#)



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.

Polyp Detection Using Deep Learning Techniques

Jan 2025 - June 2025

Research project in University of Huelva.

Harvest Prediction Using Machine Learning

November 2024 - May 2025

Development of a machine learning model to predict strawberry yield based on climatic and cultivation variables, in collaboration with a local fruit company.

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

DEGREE IN COMPUTER ENGINEERING - COMPUTER SCIENCE

2021 - 2025

- Higher Technical School of Engineering, University of Huelva

2019 - 2021

HIGH SCHOOL

- I.E.S. Juan Ramón Jiménez

CERTIFICATIONS

THE DATA SCIENCE COURSE: COMPLETE DATA SCIENCE BOOTCAMP

2024

ÜDEMİY 32-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

SKILLS

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| <ul style="list-style-type: none">Teamwork and collaborationCommunication skillsCreativityProblem-solving | <ul style="list-style-type: none">AdaptabilityTime managementDecision-making |
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