

David Robert

AI ENGINEER &
TECHNICAL TRAINER



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ABOUT ME

AI Engineer and Instructor with 9 years of experience in technology, including 3.5+ years designing and delivering training programs in Artificial Intelligence (NLP, LLMs, Generative AI, Computer Vision, Deep Learning), skilled at communicating complex concepts clearly to audiences with diverse technical backgrounds, from beginners to advanced practitioners. Experienced across the full AI lifecycle, from proof of concept to production deployment in Big Data and Cloud environments. Particular interest in Agentic AI, LLM fine-tuning, RAG-based architectures, and LLM observability and evaluation, as well as in the intersection of AI and Quantum Computing.

EDUCATION

- **Bachelor's Degree in Computer Engineering | Universidad Rey Juan Carlos.**

WORK EXPERIENCE

Lead AI Instructor — Factoría F5, 10/2022 – Present

- Delivered 6 intensive AI bootcamps (5000+ hours total), training several hundred students across varying technical levels.
- Design and continuously update training curricula and learning paths tailored to different audience profiles.
- Facilitate hands-on workshops and knowledge sessions on AI/ML topics; proactively track emerging trends in AI to keep training content current.
- Training in **NLP, LLMs, Computer Vision, and applied Deep Learning.**
- Development of projects using **LangChain and CrewAI (RAG systems, AI agents).**
- Technical mentoring in **Python, Scikit-learn, TensorFlow, PyTorch, FastAPI, Hugging Face, and related technologies.**

ML Engineer / Data Scientist — Stratio, Madrid — 9/2018 – 10/2022

- Developed AI solutions within R&D, AutoML, and advanced analytics teams, in large-scale technology environments.
- Created prototypes for intelligent assistants (voice and chatbot) and computer vision models for real-time video analysis.
- Designed and implemented an integrated AutoML solution within an advanced analytics product, enabling training and deployment of ML models in Big Data environments.
- Technologies: **Python, Pandas, Scala, Spark, Sklearn, TensorFlow, Keras, Docker, Git/GitHub, Rasa, OpenCV, MLFlow, Mesos, Kubernetes, Kafka, PostgreSQL.**

Software Developer - Future Space, Madrid 2/2015 - 4/2016

- Backend development of document management applications with DRM and insurance-sector solutions.
- Implemented web features and online stores integrated with external systems.
- **Technologies: Java, PHP, MySQL, JavaScript, HTML5, CSS3, SVN.**

LANGUAGES

- **English:** B2 level (TOEIC certified).
- **French:** A2 level (4 years of study).

COURSES & PROJECTS

- Volunteer AI mentor at [AI Saturdays](#) for 2 editions, teaching Reinforcement Learning and Computer Vision modules.
- Microsoft Azure AI-102 Certification - [Azure AI Engineer Associate.](#)
- In progress: Microsoft Azure AI-103 Certification (exam scheduled July 9, 2026).
- In progress: Qiskit Certification (self-study).
- Advanced University Course in Robotics, Universidad Rey Juan Carlos.
- Website with personal projects: www.rustyroboz.com. (VR Experiments, Unity 3D, AI, etc)