



Ángel Sanz Gutiérrez

ML & AI Engineer



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Madrid, Spain



About me

Eager to contribute to organizational success by applying my expertise and knowledge in AI to drive innovation, enhance operational efficiency and solve critical challenges.

I am a self-taught professional driven by a passion for AI research and development guided by human values to improve lives and advance knowledge. I combine this technical curiosity with a strong collaborative spirit, priding myself on being an adaptable team player who builds positive working relationships.



Skills

Programming Languages:

Python, R, C, Java

Operating Systems:

Linux, Windows

AI Libraries:

Numpy, Pandas, Scikit-Learn
PyTorch, Keras



Languages

Spanish:

native speaker

English:

C1 Advance Cambridge



Technical Projects

Microgrid Management with Reinforcement Learning:

Research project on the application of DQN and PPO implemented in Pytorch and using Ray Tune to manage microgrids in Pymgrid

ABC algorithm for TSP:

Artificial Bee Colony to solve the Travel Salesman Problem, compare with Concorde algorithm and publish on PyPI



Education

Master in Artificial Intelligence, Polytechnic University of Madrid, 2023-now, Master's thesis pending

Computer Engineering, Public University Navarra, 2018-2024

Diploma of Specialization in Videogame Development and Virtual Reality Applications, Public University Navarra, 2018-2023

Erasmus+ Scholarship 2023, **Grenoble INP, France**



Certifications

Special program: Deep Learning DeepLearning.AI, Coursera, 160 hours, May 2024

AI-900: Microsoft Azure AI Fundamentals Microsoft, 31 hours, April 2024

Deep Neural Network with PyTorch IBM Coursera, 31 hours, June 2023