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| **Ana Machado Cuevas** | | |
| Alicante, España · +34 651088047 · [africaamachado@gmail.com](mailto:africaamachado@gmail.com) · | | |
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| *Artificial Intelligence Engineer with expertise in developing state-of-the-art AI solutions. Proven experience in Python, machine learning frameworks, and algorithm design. Skilled in leading cross-functional teams and delivering scalable AI applications. Passionate about advancing AGI through innovative research and practical implementation.* | | |
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| **INTERNATIONAL MOBILITY AND PROJECTS** | | |
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| **ERASMUS HOME (HUMAN OUT MIGRATION IN EUROPE)**  Double mobility in collaboration with IES Torrellano, Sept 2021  Project ref: 2020-1-FR01-KA229-079855 | ***Budapest, Hungary***  *Sept 2021*  ***Alicante, Spain***  *March 2022* | |
| **KEY PROJECTS**  AGI-Powered Educational Assistant: Developed a Python-based AI tutor using GPT-4 and fine-tuned LLMs (Hugging Face). Deployed via Docker and cloudflared, achieving 98% user satisfaction in beta testing.  Autonomous Robotics System: Designed a fuzzy logic controller in Python for 2D robot navigation. Implemented real-time decision-making algorithms validated in simulation environments.  Unreal Engine AI Integration: Built a C++ plugin for Unreal Engine 5 to simulate AGI behaviors in 3D environments. | ***Alicante, Spain***  *2024*  *2023*  *2023* | |
| **EDUCATION** | | |
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| **UNIVERSITY OF ALICANTE**  Bachelor’s Degree in Artificial Intelligence Engineering (GPA: 3.8/4.0) | | **Alicante, Spain**  *Sept 2020 - 2024* |
| **OXFORD TEST OF ENGLISH** B2 Level, ref: 263339 | | ***Alicante, Spain***  *May 2024* |
| **PROFESSIONAL EXPERIENCE**  **AI Research Intern | TechInnovate Labs**  Collaborated on AGI research projects using PyTorch and Hugging Face transformers.  Optimized reinforcement learning algorithms for autonomous systems.  Mentored junior developers in implementing NLP pipelines.  **Project Lead | University of Alicante AI Lab**  Directed a team of 5 to build a modular AGI framework for educational purposes.  Integrated Node2Vec embeddings and graph-based models for dataset analysis.  Published findings in IEEE Transactions on AI Systems. | | **Valencia, Spain**  *June 204 – present*  **Alicante, Spain**  *2022 – 2023* |
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| **ADDITIONAL SKILLS** | | |
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| **Scripting tools**: git, Docker, CMake, Bash | | |
| **Machine Learning Tools:** PyTorch, Hugging Face, pandas, numpy, matplotlib, ollama, AI gents | | |
| **Programming:** Python, C++, C, Swift, LaTeX, noSQL, SQL, Java Script | | |
| **Languages:** English (Fluent), Spanish (Native), Catalan (Native) | | |