

Alfonso Ardoiz Galaz

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WORK EXPERIENCE

Plain Concepts

Sept 2024 – Present

AI Engineer

Remote

- Lead Developer of MCP AI-based virtual applications, Agentic systems, RAG & LLMs architectures
 - Full autonomy in client delivery, planning, and requirements gathering
 - Development of end-to-end AI solutions encompassing microservices and large-scale projects
- Mentorship and Technical Outreach with internal talks and training sessions

Dezzai

May 2021 – Sept 2024

NLP Engineer / Researcher / Data Scientist

Remote

- Developer of generative AI-based virtual assistants, Multi-Agent systems, and RAG architectures
 - "One-shot" assistants for medical, scientific writing, or other types of tasks
 - "Ad-hoc" conversational assistants for different domains
 - Evaluation and structural design of various internal components
- Specialist in Information Retrieval systems and Multimodal IR
- Evaluation, enhancement, and maintenance of NLP-based applications

Universidad Complutense Madrid (UCM)

Honorary Professor, Computational Linguistics Department

2023 - 2024

EDUCATION

Complutense University of Madrid (UCM)

Ph.D. Candidate in Computer Engineering - Specialization in Artificial Intelligence

2023 - Present

Master's at UCM

2021 - 2022

- Average score of 9.03 / 10
- Thesis [available](#) in UCM e-prints online repository - Spanish SOTA IR System

Bachelor's Degree in Computational Linguistics - Specialization in NLP

2016 - 2021

- Honors for the Generative Language Systems Final Degree Project

TECHNICAL ABILITIES

- **Python:** Openai, Transformers, Sentence-Transformers, Pandas, Polars, Regex, Streamlit, Pydantic, FastAPI, Unicorn, Pytorch, Spacy, Langchain, Docker, MongoDB...
- **Office Automation:** MCP, A2A, Bash, Git, Jira, AzureDevOps, Confluence, MS Tools, Overleaf...
- **Cloud:** Experience as developer with Azure

PUBLICATIONS

- Linguistic ambiguity analysis in ChatGPT. *Arxiv Pre-print*. Feb. 2023 ([link](#))
- Spanish Built Factual Freectianary (Spanish-BFF): the first AI-generated free dictionary. *Arxiv Pre-print*. Feb. 2023. ([link](#))
- RADIA – Radio Advertising Detection with Intelligent Analytics. *Arxiv Pre-print*. Mar. 2024. ([link](#))
- Recommendation System of Scientific Articles from Discharge Summaries. *Journal: Engineering Applications of Artificial Intelligence*. Oct 2024 ([link](#))