

EDUCATION	Technical University of Madrid <i>Ph.D. in Artificial Intelligence</i> • Advisor: Prof. Alejandro Martín • Research area: Deep Learning for Natural Language Processing	Madrid, Spain 2024 - Now
	Technical University of Madrid <i>M.Sc. in Machine Learning and Big Data</i> • GPA: 9.65/10.00, Rank: 1st	Madrid, Spain 2023 - 2024
	University of Murcia <i>B.Sc. in Mathematics</i> • GPA: 9.74/10.00, Rank: 1st	Murcia, Spain 2017 - 2022
	University of Murcia <i>B.Sc. in Computer Science</i> • GPA: 9.57/10.00, Rank: 2nd	Murcia, Spain 2017 - 2022
PUBLICATIONS	<ol style="list-style-type: none"> 1. Miralles-González, P., Huertas-Tato, J., Martín, A., & Camacho, D. (2026). Not all tokens are created equal: Perplexity Attention Weighted Networks for AI-generated text detection. <i>Information Fusion</i>, 125, 103465. https://doi.org/10.1016/j.inffus.2025.103465 2. Miralles-González, P., Huertas-Tato, J., Martín, A., & Camacho, D. (2025). LLM one-shot style transfer for Authorship Attribution and Verification. <i>arXiv</i>. https://doi.org/10.48550/arXiv.2510.13302 3. Miralles-González, P., Huertas-Tato, J., Martín, A., & Camacho, D. (2025). On the locality bias and results in the Long Range Arena. <i>arXiv</i>. https://doi.org/10.48550/arXiv.2501.14850 4. Miralles-González, P., Huertas-Tato, J., Martín, A., & Camacho, D. (2025). Pushing the boundary on Natural Language Inference. <i>arXiv</i>. https://doi.org/10.48550/arXiv.2504.18376 	
INDUSTRY EXPERIENCE	Fever Software Engineer • Backend development with Python, Flask and Django. • Lead and single developer in a project for automatic structuring of information and content generation using LLMs. 2023.02 - 2023.08 Orenes Software Engineer Intern • Backend development with C# and ASP.NET. • Frontend app development with ReactNative. 2021.07 - 2021.08	
PROJECTS AND GRANTS	FPU Fellowship (University Teacher Training Programme) <i>Spanish Ministry of Science and Innovation</i> • Highly competitive predoctoral contract aimed at training future university lecturers and researchers. 2025.01 - Now XAI-DisInfodemics: eXplainable AI for disinformation and conspiracy detection during infodemics <i>European Union NextGenerationEU/PRTR</i> 2024.05 - 2025.01 FightDIS: Fighting against Information DISorders in Online Social Networks <i>Spanish Ministry of Science and Innovation</i> 2023.09 - 2024.05	

AWARDS AND HONORS	• Best academic record , M.Sc. in Machine Learning and Big Data	2024
	• Extraordinary End of Degree Award , BSc. in Mathematics	2023
	• Extraordinary End of Degree Award , BSc. in Computer Science	2023
	• Academic Excellence Award in joint BSc. programs , BSc. in Math+CS	2023
	• 23th/97 , Southwestern Europe Regional Contest (SWERC) 2021-2022,	2022
	• 17th/109 , Southwestern Europe Regional Contest (SWERC) 2020-2021,	2021
	• National Collaboration Grant , Spanish Ministry of Science and Innovation	2021
	• 18th/98 , Southwestern Europe Regional Contest (SWERC) 2019-2020,	2020
SKILLS	Languages: Spanish (native), English (C1).	
	Programming: Python, C++, Java.	
	Deep Learning: PyTorch, HuggingFace, vLLM, Triton (basic), CUDA (basic).	
	Data Science/Machine Learning: SKLearn, Numpy, Pandas.	
	Experiment management/distributed: WanDB, RAY.	
	Other: Docker, Linux, Git, Latex.	
TEACHING	Classical Prediction Methods Data Science BSc (Asst. Prof.)	2025/26 — present
	• Lectures and practical sessions on linear regression, clustering algorithms, and time series models.	
	Data Structures Computer Science BSc (Asst. Prof.)	2025/26 — present
	• Teaching core data structures including queues, stacks, lists, trees, graphs, and hash tables.	
	Generative Models Master in Deep Learning	2024/25 — present
	• Teaching generative modeling: VAEs, GANs, autoregressive models, and diffusion models.	
	Deep Learning for NLP Master in Deep Learning	2024/25 — present
	• Instruction on real-world NLP applications using HuggingFace, LangGraph, vLLM, and vector databases.	
	Algorithms and Data Structures Data Science BSc (Asst. Prof.)	2024/25
	• Taught graph theory fundamentals and greedy algorithm design.	