

# Pedro Sarmiento Yáñez

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Graduate in **Data Science and Engineering**, currently pursuing a **Master's in Artificial Intelligence**. I have a strong interest in everything related to data, **Artificial Intelligence**, and **Machine Learning**, with a particular focus on research and the development of solutions that generate real value across different sectors.

During my university studies, I gained knowledge in data analysis, statistics, programming, machine learning, and natural language processing, which enabled me to tackle both academic and applied projects.

As my final project, I developed a **Bachelor's Thesis** focused on **hallucinations in Artificial Intelligence**, where I worked on their **evaluation, mitigation, and detection**, achieving notable results that contribute to improving the reliability of language models in critical environments.

## WORK EXPERIENCE

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**The Singular Factory**  
Internship

**Las Palmas de Gran  
Canaria, Spain**  
February 2024 – May 2024

- Performed *fine-tuning* of a **Large Language Model (LLM)** using company-provided data to adapt it to specific project requirements.
- Developed a **web application** that enabled interaction with the model through both text and voice, enhancing user experience.
- Created **structured documentation** of the entire process (configuration, development, and results), ensuring reproducibility and clarity for future projects.
- Implemented **version control with Git**, ensuring traceability and effective collaboration.

## EDUCATION

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**UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA**  
B.Sc. in Data Science and Engineering  
Honors: **9.8/10** in Bachelor's Thesis

**Las Palmas de Gran  
Canaria, Spain**  
June 2025

**UNIVERSIDAD DE MARIBOR**  
Erasmus+ programme

**Maribor, Slovenia**  
June 2023

**INTERNATIONAL UNIVERSITY OF LA RIOJA**  
Master's in Artificial Intelligence

**On remote, Spain**  
Current

## ADDITIONAL SKILLS

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- Spanish: Native
- English: C1 (Advanced)