Miguel Planas Díaz

Data Science & Engineering Student | AI Enthusiast

 A Coruña, Spain   ✉ miguelplanasdiaz@gmail.com   📞 638 59 44 43

🔗 miguelplanas.github.io/en   in miguelplanasdiaz   miguelplanas

Education

BS	**University of A Coruña**, Data Science and Engineering	A Coruña, Spain
	Covers the full data lifecycle: HPC, statistics, data engineering, databases, and AI.	Sept 2022 – present
	Average Grade: 7.72/10	
BS	**Politecnico di Milano**, Computer Science (Erasmus+ Exchange)	Milano, Italy
	Enrolled in the MSc in Artificial Intelligence courses (Deep Learning, NLP,…).	Sept 2024 – June 2025
	Grade: 26/30	

Experience

Denodo Technologies, Data & Customer Success Trainee — A Coruña, Spain · Sept 2025 – present · 6 months

Internship at a global leader in data virtualization. Contributing to operational optimization through automation, AI integration, and cross-functional collaboration with technical and commercial teams.

- Built an automated content pipeline leveraging Generative AI to assemble educational and commercial video products
- Developed internal web applications (JavaScript) and Python automation scripts, integrating REST APIs (Google Workspace, Vimeo) and deploying with Apps Script via clasp CLI
- Gained technical expertise in the Denodo Data Virtualization Platform and Power BI
- Maintained high-quality internal documentation and applied best practices in version control with Git

Languages

Spanish: Native

Galician: Native

English: Fluent (C1 — Certificate in Advanced English by Cambridge)

Skills

Data Engineering & MLOps: Apache Spark, SQL, NoSQL, Docker, Git, ETL Pipelines

AI & Deep Learning: PyTorch, TensorFlow, Keras, Scikit-learn, Computer Vision, NLP

Analysis & Visualization: Python (Pandas, NumPy, Matplotlib), R, Power BI, JavaScript

Awards

- Jun 2022 — Award for Top Academic Records, University Entrance Exams (ABAU)
- Jan 2026 — Winner team in DATATHON 2025 by DIHGIGAL, ITG and University of A Coruña

Projects

Personal Portfolio — Online

Centralized showcase of academic and personal projects featuring interactive demonstrations, embedded research papers, and direct access to source code repositories.

MXP AutoScan — Datathon Winner — Personal · Jan 2026

Computer vision tool for automated vehicle appraisal, featured in El Español.

- Utilized R-Mask CNN for object detection and damage assessment on vehicle images
- Built a user-friendly frontend to visualize appraisal results in real-time
- Implemented a PDF report generator with billing estimations