JOSE ARBELAEZ

DATA SCIENCE & ENGINEERING STUDENT

SUMMARY

Highly motivated Data Science & Engineering student with a robust academic foundation and hands-on project experience in advanced AI and financial modeling. Results-oriented and multidisciplinary, actively seeking a Trainee or Intern opportunity to apply and further develop skills in data analysis, machine learning, and quantitative finance.

CONTACT

Phone: +34 722 81 50 03

Email: jose.ancizar.667@gmail.com

Address: Calle del Guadiana 2, Alcobendas

City: Madrid, Spain

Linkedin **Github** **Portfolio**

SKILLS

- **Programming Languages**: Python (PyTorch, TensorFlow, Scikit-learn, NumPy, Pandas), R, Matlab, Java, JavaScript, MQL5.
- **Data Science & Machine Learning:** Generative AI (Diffusion Models), Neural Networks, Deep Learning, Regression, Classification, Clustering, Data Modeling, Statistical Analysis.
- **Web & App Development:** Full-Stack Development (Frontend/Backend), API Design, Database Management.
- **Quantitative Analysis:** Financial Modeling, Automated Portfolio Management, Investment Analysis, Benchmarking.

EDUCATION

Data Science & Engineering degree

UAM, Spain • Sep 2022 – Jul 2026

- **Participant, UAM Investor's League (2024-Present):** Actively managing investment portfolios as part of a university team.
- **Enrolled, Automated Portfolio Management Course (UAM):** Expanding expertise in algorithmic trading and automated financial strategies.
- Member of the Board of Directors, Information Security Association (2023-2024 term).
- Average Grade (2024-2025): 8.5/10.

LANGUAGES

- English: B2 Level Course
- Spanish: Native Language
- French: Limited Proficiency

PERSONAL PROJECTS

Generative AI Difussion Models Project (2025)

- From-scratch implementation of SDE-based diffusion models, replicating Yang Song's seminal paper. Developed core components including forward and reverse SDEs, and various generative models (VP, VE, and Sub-VP), demonstrating advanced proficiency in neural network architecture design and deep learning frameworks.

Personal Finance Projects (2022-Present)

- Developed analytical models using MQL5 for financial analysis.
- Currently (since 2025), developing a web-based platform for benchmarking and monitoring investment fund portfolios.

Independent Entrepeneur - Imported Clothing Business (2021-2024)

- Managed an imported clothing business and online store.
- Shifted focus to Data Science and Engineering studies.