

Adam Maltoni

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🐙Github 🔗LinkedIn 🌐Portfolio



Summary

Data Science & Engineering student with international background and solid training in quantitative analysis. Interested in the intersection of data science, finance, and technology, with experience in predictive modeling, portfolio optimization, and risk assessment. Proficient in various programming languages combining strong technical skills with the ability to work in collaborative and multidisciplinary environments.

Education

BSc in Data Science and Engineering 2022–present
Universidad Autónoma de Madrid (UAM)

- Focused on machine learning, generative AI, and advanced statistical and mathematical modeling
- Class Delegate (2 years); active in student innovation events
- MVP for AI learning platform at UAM Hackathon (2nd round)

Microcredencial: Liga de Inversores 2025
UAM + IronIA Fintech

- Designed portfolios achieving top Sharpe ratio among 240+ participants
- Applied predictive modeling, Black-Scholes and advanced backtesting

Machine Learning and AI with Python (40h) 2023
Harvard University (Online)

Experience

Co-founder & Treasurer, Board Member Jul 2025 – Present
Google Developer Group on Campus UAM

- Co-founded chapter and currently leading events on AI and tech innovation
- Managing treasury and operations across a multidisciplinary team

Data Science Intern Feb–Jun 2025
GMV – ISTAR Systems, Madrid

- Built LLM+RAG system for querying intelligence data
- Integrated APIs and geospatial data in production pipelines

Freelance Full-Stack Developer Feb 2023 – Dec 2024
Self-employed

- Delivered end-to-end web apps using Python, JS, SQL
- Managed client needs, development, and deployment

Honors & Awards

- 1st Place – **UAM Investor’s League** (2025)
- Excellence Scholarship – **Community of Madrid** (2023, 2025)
- 2nd Prize – **Sports Tech Innovation**, Immune Institute (2022)
- 3rd Place – **Olimpiada Científica Juvenil Española** (2020)

Technical Skills

Programming: Python, R, Matlab, SQL, C++, JS, HTML/CSS, Bash
Finance: Portfolio optimization, Black-Scholes, Risk (PD, LGD, EAD), Backtesting
AI/Data: Scikit-learn, TensorFlow, LangChain, ETL, modeling
Systems/Web: PostgreSQL, MongoDB, APIs, Flask, Streamlit
Tools: Git, Docker, Linux, VSCode

Core Skills & Languages

Soft Skills: Leadership, Creativity, Analysis, Teamwork, Adaptability
Languages: Spanish, Italian (Native); English (C1); French (Intermediate)
Other: EU Driving License; flexible schedule; fast learner