# Diego Aranguren Gracia

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## EDUCATION

**Master in Business Analytics** — **Universidad Autónoma de Madrid**
*Madrid, Spain* — 09/2026–07/2027

Business Analytics master's student awarded a scholarship for academic excellence, developing a strong interdisciplinary background in data analysis, predictive analytics, econometrics, Python, SQL, data visualization, and Generative AI, with a focus on applying data-driven solutions to real-world business challenges.

**Bachelor's in Economics** — **Universidad Autónoma de Madrid**
*Madrid, Spain* — 09/2021–06/2026

Economics graduate with a strong academic focus on macroeconomics, quantitative economics, econometrics, and statistics, complemented by an exchange year at Ghent University, where I specialized in Econometrics and Quantitative Economics.

## WORK EXPERIENCE

**Albero** — **Madrid, Spain**
*Operations Management Intern* — 02/2026–06/2026

Optimized supply chain and production workflows, improving production efficiency by ~10 hours per week. Managed end-to-end relationships with clients and vendors, provided administrative support, and coordinated operations involving over €100,000 in transaction volume under supervision within the metallurgy sector.

**Aramil S.L** — **Madrid, Spain**
*Commercial and management Intern* — 09/2025–01/2026

Worked on two construction projects from the beginning, supporting client relations, vendor coordination, and on-site project management while developing a strong understanding of SME operations in the construction sector.

**Medems & Cristina Oria Caterings** — **Madrid, Spain**
*Waiter* — 03/2022–09/2024

Developed strong customer service, teamwork, communication, and problem-solving skills while working as a waiter at high-end catering events alongside my university studies. This experience also strengthened my organization and time-management abilities.

## PROJECTS

**MSCapital Market Forecasting – Kaggle competition (GitHub)**

Built a time-aware forecasting pipeline on ~700M market-event rows in Python; tested 30+ feature and model variants (LightGBM, MLP, RealMLP on GPU), with the final neural model outperforming gradient boosting by 7% under regime-shift validation.

**Junction 2026 – Accepted participant (upcoming)**

Accepted to participate in Junction 2026, Europe's largest hackathon, with partners including OpenAI and Google DeepMind. The 48-hour event takes place in Espoo, Finland, on 13–15 November 2026.

## SKILLS, ACTIVITIES & INTERESTS

**Languages:** Spanish (native), English (fluent B2 Cambridge First certificate), French (basic)

**Interests:** Entrepreneurship, finance and venture capital, with a strong interest in the technical and analytical side of business. AI-native and passionate about developing personal data and technology projects, which I share on GitHub.

**Volunteer:** Volunteer and coordinator at Cáritas Madrid, at Parroquia Santa Matilde (Lopez de Hoyos, Madrid) Food Bank, overseeing warehouse operations and organizing distribution efforts, developing strong leadership, teamwork, organizational, and community-focused skills.

## CERTIFICATIONS

Completed Stanford's Code in Place six-week programming course, gaining hands-on experience in Python, algorithmic problem-solving, data structures, functions, and software development.

Completed IBM SkillsBuild's "AI and Software Development" programme, developing knowledge of artificial intelligence, software development fundamentals, and the practical use of AI technologies for problem-solving and innovation.

Completed a two-month course at UAM. Focused on data analytics, the course also covered the practical use of Generative AI to support data analysis and entrepreneurship.