

Daniel GONZALEZ CORTES



PROFILE

AI and data science specialist with a finance and academics background, experienced in building machine learning models, analytics pipelines, and cloud-based applications.

CONTACT INFORMATION

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PERSONAL PORTFOLIO

🌐 <https://www.dgcm.com/>

SKILLS

- Research
- Python, R, C++, SQL
- PyTorch, Node.js, AWS
- Excel, PowerPoint, \LaTeX
- **Languages:** Spanish (native), English (fluent), French (fluent)

KEY ACHIEVEMENTS

AI systems and web platforms

Design and development of solutions for video analysis, report generation, and predictive applications.

🕒 Significant reduction in analysis time through advanced analytics tools.

📦 More than 3 complete projects successfully delivered.

International teaching impact

Teaching activities conducted in 3 countries and 2 languages, with a focus on data analysis and finance.

👥 Over 100 students trained in advanced analytical tools and techniques.

Scientific contributions

Publications in international journals on artificial intelligence applied to finance.

📄 5 articles published, including 2 currently under review.

INTERESTS

Long-distance hiking, photography, rugby and robotics.

EXPERIENCE

Data Science Consultant

November 2024 – July 2025

Applied AI Specialist

- Implementation of three complete web applications combining AI, natural language processing, artificial vision with automated analysis workflows and data visualization.

Universidad San Sebastián, Chile · Remote

January 2025 – December 2025

Lecturer, Big Data & Analytics course

NEOMA Business School, France

September 2020 – October 2024

Research Fellow – AI, Data Science & Business Area of Excellence

- Support to faculty members in the design and implementation of AI and machine learning solutions, including web scraping, data preprocessing, and predictive modeling for applied research projects.
- Co-author of five scientific articles published in international journals; instructor for the course *FRM: Mock Training Part II* for MSc students specializing in financial markets.
- Applied NLP (ClimateBERT) to analyze TCFD-aligned climate risk disclosures of FTSE 100 firms, producing investment-relevant indicators of corporate climate communication dynamics.

IEDE Business School – UNAB, Chile

December 2020 – January 2021

Instructor in Financial Analysis and Management

Universidad Central, Chile

April 2020 – August 2020

Data Science Consultant

- Development of an automated reporting system integrating academic data, survey results, and teaching performance indicators, generating customized reports for several hundred faculty members.

INTERNSHIP EXPERIENCE

Euroberry, Spain

September 2019 – January 2020

Financial Controlling Intern

Ministry of Finance of Chile

July 2018 – January 2019

Analyst and Developer Intern

Cadi Ayyad University, Morocco

December 2017 – January 2018

Machine Learning Research Intern

EDUCATION

Universidad de Deusto, Spain

October 2020 – March 2025

PhD in Engineering

- *Dissertation:* "Enhancing Financial Time Series Prediction and Asset Allocation with Machine Learning and Artificial Intelligence." (CUM LAUDE)

NEOMA Business School, France

October 2020 – December 2024

PhD in Management

- *Dissertation:* "Artificial Intelligence in Finance – A Compendium of Research."

NEOMA Business School, France

January 2019 – December 2019

Master in Management (Grande École)

- *Specialization:* Financial Markets and Risk Management.

Universidad de Deusto, Spain

January 2017 – December 2017

Exchange Year

Universidad Andrés Bello, Chile

March 2014 – December 2018

Engineering Degree

- *With a distinction in Management and a specialization in Finance.*
- *Graduated CUM LAUDE*