

Daniel GONZALEZ CORTES



PROFILE

Passionate about finance and artificial intelligence, with over 5 years of academic and applied experience. Specialised in time series forecasting, asset allocation, and explainable machine learning. Advanced command of Python, SQL, and PyTorch, with cloud expertise.

CONTACT

gonzalez.cortes.daniel@gmail.com
https://www.dgcml.com/
31 Passage Thi  r   - Paris, 75011

SKILLS

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

MAIN ACHIEVEMENTS

AI Systems and Web Platforms
Designed AI solutions for video analysis, report generation, and predictive applications.

- ⌚ Significant analysis time reduction through advanced analytics.
-      Delivered over 3 complete freelance projects.

International Teaching Reach
Taught in 3 countries and 2 languages, focusing on data analytics and finance.

-      Trained over 100 students in advanced analytics tools and techniques.

Scientific Contributions
Published in international journals on AI applications in finance.

-      5 articles published, 2 under review.

HOBBIES

Long-distance hiking, rugby, photography, robot design.

EXPERIENCE

Independent Projects
Applied AI Specialist

November 2024 – May 2025

- Developed AI solutions for advanced video interview analysis, semantic anonymisation with custom language models, and real estate price forecasting, all integrated into interactive web platforms.
- Developed and deployed three complete applications integrating AI, natural language processing, and interactive data visualisation, with automated analytical workflows.

Universidad San Sebasti  n, Chile · Remote
Lecturer, Big Data & Analytics

January 2025 – August 2025

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

September 2020 – October 2024

- Supported professors in designing and deploying AI and machine learning solutions, including web scraping, data preprocessing, and predictive modelling for applied research projects.
- Co-authored 5 scientific papers in international journals; taught *FRM: Mock Training Part II* to MSc students in financial markets.

IEDE Business School – UNAB, Santiago
Instructor in Financial Analysis and Management

December 2020 – January 2021

Universidad Central, Santiago
Data Science Consultant

April 2020 – August 2020

- Developed an automated reporting system integrating academic data, survey results, and educational performance indicators, generating personalised reports for hundreds of instructors.

INTERNSHIP EXPERIENCE

Euroberry, Spain
Financial Controller Intern

September 2019 – January 2020

Ministry of Finance, Chile
Analyst and Developer Intern

July 2018 – January 2019

Cadi Ayyad University, Morocco
Machine Learning Research Intern

December 2017 – January 2018

EDUCATION

Universidad de Deusto
PhD in Engineering

October 2020 – March 2025

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

NEOMA Business School
PhD in Management

October 2020 – December 2024

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

NEOMA Business School
Master Grande   cole

January 2019 – December 2019

- Specialisation:* Financial Markets and Risk Management.

Universidad de Deusto
Exchange Year

January 2017 – December 2017

UNAB
Engineering Degree

March 2014 – December 2018

- Major:* Business and Financial Engineering (CUM LAUDE).