NICOLAS GAMBOA ALVAREZ

Msc in Financial Engineering

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Paris, France

EDUCATION

EDHEC Business School August 2022 - July 2025
Programme Grande École - Msc in Financial Engineering / Master in Management in Finance *Nice, France*

· Recently ranked as the 4th best MiM and 6th best Master in Finance worldwide according to the Financial Times.
· *Relevant courses: Financial Econometrics with R, Financial Machine Learning, Volatility Based Portfolio Construction Strategies (Master Project), Quantitative Portfolio Management, Advanced Derivatives, Equity Derivatives*

Universidad de los Andes August 2015 - November 2021
Bachelor in Economics *Bogota, Colombia*

· Recognized as the best Economics program in Colombia and the 4th best in Latin America by QS Rankings.
· *Relevant Courses: Asset Management, Capital Markets, AI and Big Data for Economics*

WORK EXPERIENCE

CANDRIAM August 2024 - January 2026
Assistant Client Portfolio Manager for Liquid Alternative Funds - Internship *Paris, France*

· Served as a product specialist for hedge fund strategies including absolute return equity market neutral, merger arbitrage, CTA and multi-asset premia. Interfaced daily with Portfolio Managers and addressed client inquiries.
· Prepare fund comments, performance reports, and strategy presentations. Automate reporting workflows using Python, Bloomberg, VBA, and Azure.

TP ICAP January 2024 - July 2024
Quantitative Analyst / Big Data Equity Research - Internship *Paris, France*

· Performed quantitative research on 243 listed equities in 18 stock exchanges, and 7 MSCI Indexes, using big data solutions to uncover investment opportunities, particularly forecasting earnings surprises.
· Developed and implemented quantitative models using large datasets to track and predict earnings of listed companies and the performance of equity indexes, using Python and R.
· Wrote research and market insight reports on companies under coverage, and evaluated the performance of equity research recommendations following earnings releases.

PKF Arsilon June 2023 - December 2023
Financial Modelling and Valuation Consultant - Internship *Paris, France*

· Built Excel, CapitalIQ Pro, and VBA valuation models for equities, bonds, management packages, and other financial instruments.
· Implemented valuation methods such as binomial trees, Monte Carlo simulations, DCFs and comparables analysis.
· Analyzed financial data and business plans to value more than 10 companies and other different types of financial assets. Applied relevant valuation techniques and conducted market research.

EY - Technology Consulting July 2021 - August 2022
Data & Analytics Consultant - Internship *Bogota, Colombia*

· Implemented algorithms for data analysis in Python and R for different clients, including simulation of yield and risk scenarios using statistical models and visualization techniques.
· Created data-driven reports and dashboards as client deliverables, which implied compilation, preparation, and analysis of different data sources into Power BI. Supported the design of databases and mathematical modelling.
· Built and designed data models and data architectures for clients in different industries.

TECHNICAL STRENGTHS

Programming Languages	Python, R, SQL, VBA, LaTeX
Software & Tools	MS Excel, MS PowerPoint, Power BI
Financial databases	Bloomberg, S&P Capital IQ Pro, FactSet

LANGUAGES

French: Fluent - C2	**English:** Fluent - C2	**Spanish:** Native - C2	**German:** Advanced - B2

HOBBIES AND INTERESTS

Swimming   **Golf**   **Film**   **Specialty coffee**