NICOLAS GAMBOA ALVAREZ

Msc in Financial Engineering

nicolas.gamboaalvarez@edhec.com ◇ LinkedIn: nicolasgamboaalvarez ◇ GitHub: nicgambalva
+33 (0)6 14 42 18 03
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*

- Supported liquid alternative funds across equity market neutral, merger arbitrage, CTA and multi-asset premia, as Assistant Client Portfolio Manager. Interfaced daily with Portfolio Managers and addressed client inquiries.
- Prepared fund comments, performance reports, and presentations explaining investment strategies. Automated 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. Used big data solutions to identify investment opportunities, particularly forecasting earnings surprises.
- Developed and implemented quantitative models using large datasets. Tracked and predicted earnings of listed companies and the performance of equity indexes using Python and R.
- Wrote research and market insight reports on companies under coverage. Tested our research following earnings releases.

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

- Valued companies, debt instruments, lease agreements, and management packages. Analyzed financial data and business plans and conducted market research to support valuations.
- 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.

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. Simulated yield and risk scenarios using statistical models and visualization techniques.
- Created data-driven reports and dashboards in Power BI. Compiled, prepared, and analyzed multiple data sources and supported database design and mathematical modeling.
- Built 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**