Alexandre-Orso Paoli

Available from April 1, 2025 ● Open to opportunities across Europe ● +33(0)7 78 21 34 03 ● alexandre-orso.paoli@dauphine.eu

EDUCATION

2024 - 2025   **UNIVERSITÉ PARIS-DAUPHINE - PSL**   Paris, France
Master in financial engineering (280)
Main courses: *Algorithmic Trading, Structured Products, Interest Rate Models, Credit Risk, Stochastic Mathematics, Model Calibration, Commodity Market, Portfolio Management and VaR, Machine learning*

2023 - 2024   **UNIVERSITÉ PARIS-DAUPHINE - PSL**   Paris, France
Master in mathematics and applications
Main courses: *Brownian motion and contingent asset pricing, Monte Carlo methods, Data analysis, Optimization, Linear models, Portfolio management*

2019 - 2023   **UNIVERSITÉ PARIS-DAUPHINE - PSL**   Paris, France
BSc Degree in Mathematics and Computer Science of Decision and Organizations (Economics Track)
Main courses : *Analysis, Algebra, Statistics, Algorithms, Finance, Macro & Micro Economics*

2018 - 2019   **LYCEE JANSON DE SAILLY / CLASSE PREPARATOIRE**   Paris, France
Preparatory program for France's elite engineering school entrance exams
Main courses: *Mathematics, Physics, Chemistry, Engineering Science*

EXPERIENCE

Apr 22 - Jul 22   **Eiffel Investment Group**
Analyst intern at Ecapital   Paris, France

- Assessed performance and risk exposure of financed companies, analyzing key financial indicators and market conditions to evaluate potential impact on portfolio performance
- Automated financial data processing and risk analysis using Python, improving portfolio monitoring and reducing manual data handling by 3 hours per week
- Conducted market analysis to identify investment opportunities and benchmark key insights for structured presentations
- Analyzed cross-asset correlations to optimize portfolio allocation and improve risk-adjusted returns.

Oct 21 - Present   **FOOTBALL CLUB DE BOULOGNE**   Paris, France
President Co-Founder

- Management of a soccer club currently playing in the second division of amateur 11-a-side soccer (IDF)
- Organizing the production and sales of soccer products such as jerseys and signing partnerships with local companies
- Communication and promotion on social networks

RESEARCH PROJECTS

2023-2024   **KPMG, UNIVERSITY** *Dissertation in partnership*   Paris, France

- Subject: "*Integration of Carbon Footprint in Asset Allocation for an Insurer and in the Analysis of an Individual's Automobile Portfolio*"
- Developed and optimized insurance portfolios using R and Python, applying Markowitz's mean-variance framework to balance returns and carbon footprint constraints under the PCAF standard

2025   **INTERACTIVE OPTIONS PRICER, PRICING** *and Risk analysis for Exotic Derivatives*   Paris, France

- Developed a pricer interface to model structured and exotic derivatives, integrating risk modeling and quantitative methods. Available at *https://derivatives-pricer.streamlit.app/*.

LANGUAGE & COMPUTER SKILLS

- Language abilities (French: Native, English : C1 level, Spanish : B1 level)
- Computer skills (*GitHub: aorso*, Python, VBA, R, Bloomberg, SQL, HTML, Pack Office)

ACTIVITIES & INTERESTS

- Sports: Tennis (15 years of practice and competition, referee diploma), Football, Diving (Padi Open Water)