

Alexandre-Orso Paoli

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EDUCATION

2024- Mar 2025	UNIVERSITÉ PARIS-DAUPHINE - PSL <i>Master's degree in Financial Engineering</i> Main courses: <i>Algorithmic Trading, Structured Products, Interest Rate Models, Credit Risk, Stochastic Mathematics, Model Calibration, Commodity Market, Portfolio Management and VaR, Machine learning</i>	Paris, France
2023- 2024	UNIVERSITÉ PARIS-DAUPHINE - PSL <i>Master of Mathematics and Applications</i> Main courses: <i>Brownian motion and contingent asset pricing, Monte Carlo methods, Data analysis, Optimization, Linear models, Portfolio management</i>	Paris, France
2019-2023	UNIVERSITÉ PARIS-DAUPHINE - PSL <i>BSc Degree in Mathematics and Computer Science of Decision and Organizations (Economics Track)</i> Main courses : <i>Analysis, Algebra, Statistics, Algorithms, Finance, Macro & Micro Economics</i>	Paris, France
2018-2019	LYCEE JANSON DE SAILLY / CLASSE PREPARATOIRE <i>Preparatory program for France's elite engineering school entrance exams</i> Main courses: <i>Mathematics, Physics, Chemistry, Engineering Science</i>	Paris, France

EXPERIENCE

Apr 22 - Jul 22	Eiffel Investment Group <i>Analyst intern at Ecapital</i> <ul style="list-style-type: none">Assessed performance and risk exposure of financed companies, analyzing key financial indicators and market conditions to evaluate potential impact on portfolio performanceAutomated financial data processing and risk analysis using Python, improving portfolio monitoring and reducing manual data handling by 3 hours per weekConducted market analysis to identify investment opportunities and benchmark key insights for structured presentationsAnalyzed cross-asset correlations to optimize portfolio allocation and improve risk-adjusted returns.	Paris, France
Oct 21 - Present	FOOTBALL CLUB DE BOULBI <i>President Co-Founder</i> <ul style="list-style-type: none">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 companiesCommunication and promotion on social networks	Paris, France

RESEARCH PROJECTS

2023-2024	KPMG, UNIVERSITY <i>Dissertation in partnership</i> <ul style="list-style-type: none">Subject: <i>"Integration of Carbon Footprint in Asset Allocation for an Insurer and in the Analysis of an Individual's Automobile Portfolio"</i>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	Paris, France
2025	INTERACTIVE OPTIONS PRICER, PRICING and Risk analysis for Exotic Derivatives <ul style="list-style-type: none">Developed a pricer interface to model structured and exotic derivatives, integrating risk modeling and quantitative methods. Available at https://derivatives-pricer.streamlit.app.	Paris, France

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)
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ACTIVITIES & INTERESTS

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