



ESSEC Business School (MiM) – CentraleSupélec (MEng) – IECL (MS)
Seeking a 6-Month Internship in Market Finance, Available from November 2025

EDUCATION

2024-2025	IECL Mathematics Research Institute , Master in Fundamental and Applied Mathematics <i>Relevant Coursework: Stochastic Processes, Random Graphs, Optimal Stochastic Control, Stochastic Differential Equations</i>	<i>Metz, France</i>
2022-2025	CentraleSupélec , Master of Engineering, Major in Data Science <i>#2 worldwide in Mathematics, as part of Paris-Saclay University (ShanghaiRanking 2023)</i> <i>Relevant Coursework: Machine Learning, Deep Learning, Big Data, Statistical Modelling, Quantum Physics, Optimization, Financial Modelling (GARCH, ARIMA), Python, C++</i>	<i>Paris, France</i>
2021-2025	ESSEC Business School , Master in Management, Major in Finance <i>#2 MiM worldwide in 2024 (QS)</i> <i>Relevant Coursework: Financial Accounting, Financial Mathematics, Macroeconomics, Geopolitics, Market Finance, Corporate Finance, Excel</i>	<i>Paris/Singapore</i>

PROFESSIONAL EXPERIENCE

Apr 2025 - Oct 2025	Crédit Agricole CIB (French CAC40 group) Cross Assets Trading/Structuring Intern <ul style="list-style-type: none">• Perform statistical analyses and develop new pricing models• Develop new trading strategies• Assist Traders with daily tasks and decision-making	<i>Paris, France</i>
Jul 2023 - Dec 2023	Unibail-Rodamco-Westfield (French CAC40 group) Global Markets – Middle Office Intern <ul style="list-style-type: none">• Valuated Group's bond portfolio and derivatives (swaps, swaptions, caps, floors, hybrid securities)• Modelled cash flows and analysed the Group's hedging strategy against interest rates (Euribor, SOFR) and exchange rates• Automated financial models and developed formulas in VBA to compute financial expenses of the Group• Computed Group's cost of debt and financial ratios• Updated various treasury reports for the CFO	<i>Paris, France</i>
Jan 2022 - Jun 2022	Saint-Gobain (French CAC40 group) Consulting Mission <ul style="list-style-type: none">• Conducted a market study of metallic catheters• Benchmarked competitors' communication campaigns• Developed new tubular products	<i>Paris, France</i>

LANGUAGES AND OTHER SKILLS

Languages	English Fluent French Native Chinese Native German Intermediate
IT skills	Proficient in Microsoft Excel (including VBA), Word , PowerPoint Bloomberg Terminal (beginner) Python (advanced), C++ (intermediate), SQL , Html , CSS Machine Learning , Deep Learning , DevOps (Docker, Kubernetes), Big Data (Hadoop, Spark)

OTHER RELEVANT INFORMATION

2022	English Boxing : Champion of the “Coupe de l’X” tournament in heavyweight category
2021	English Boxing : Winner of the “Derby des Parisiennes” cup in light-heavyweight category
2019	Mathematics Olympiad : 1 st regional
2014	Local “π” contest : 1 st prize by memorizing 817 digits of π