

Ahmed El Aaradi

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EDUCATION

- Paris-Dauphine University - PSL, Paris** 2020 - 2023
MSc 203 - Financial Markets Expected
Relevant courses: Stochastic calculus, Risk management, Econometrics, Volatility strategies, Fixed income.
Master Thesis: "Target Volatility Options: a Response to a Period with More Frequent Volatility Spikes"
- University Paris 1 Panthéon-Sorbonne, Paris** 2017 - 2020
BSc Applied Mathematics in Economics and Finance (14.13/20)
Relevant Courses: Mathematical models in Finance, Measure Theory & R^n calculus, Statistics, Optimization.
- Lycée Al Jabr, Casablanca - Morocco** 2017
Baccalaureate in Science, A levels in Mathematics, Honors (15.31/20)

PROFESSIONAL EXPERIENCE

- Amundi Asset Management** October 2021 - April 2022
Structuring Analyst - International Institutional & Retail Investors, Off-cycle Internship Paris
- Improved simulation tools used for the development of innovative Multi-asset portfolio investment solutions.
 - Built a non regression program to help keep track of changes in the existent simulation tools and pinpoint the exact location of the potential mistakes in case of bugs.
 - Handled the creation of new products offering new payoffs that helped diversify the range of solutions we can offer our clients.
 - Conducted a research project on the implementation of option strategies on the already existent multi-asset portfolios & Performed a series of test to ensure the usefulness of such strategies.
- Société Générale** March 2021 - September 2021
Data Management & Reporting Analyst, Off-cycle Internship La Défense - Paris
- Worked with different sales and management teams to construct relevant reports and extract valuable information about specific clients or products, very important for the success of the deals.
 - Developed and updated static and automatic reports for different types of financial products on Excel using VBA, especially for derivatives products.
 - Assisted various sales managers them identify the clients with the biggest potential for the firm by bringing useful and concrete data on their activities.

LEADERSHIP AND ACTIVITIES

- Challenge Data QRT 2023:** Prediction of short term electricity futures(24h) prices using French and German market data. (link)
- Akuna Capital - Options 101:** Course covering everything from electronic market basics to Option Greeks.(link)
- Stratefi 203:** Student-run Association of the Master 203 - took part in both the production of a weekly newsletters and the communication team used to broadcast the activities of the Master. (link)

LANGUAGE AND IT SKILLS

- French:** Fluent; **English:** Fluent (TOEFL - 102/120); **Arabic:** Fluent; **Moroccan:** Native.
- IT Skills: Advanced:** (Python, VBA, MS Office.) - C++, HTML, CSS, SQL, PowerBI.
- Projects:** Option Pricing, Time series analysis, PCA from scratch, etc. (Python, VBA, C++) (link)

INTERESTS

- Sports :** Basketball(5+years&3years in national competitions), Gym & crossfit(4+years), Bouldering.
- Other :** Data Challenges, Travel, Japanese Manga, Human behaviour.