Jad **Chamseddine**

DUAL DEGREE STUDENT IN MATHEMATICS & COMPUTER SCIENCE

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Education

Sorbonne Université   *Paris, France*
DUAL BACHELOR'S DEGREE IN MATHEMATICS AND COMPUTER SCIENCE   *2023 – Expected 2026*

- Coursework: **Measure Theory & Probability**, **Algorithms**, Data Structures, Linear Algebra, Database Systems, **Numerical Analysis**.

Lycée Buffon   *Paris, France*
CLASSES PRÉPARATOIRES (MPSI) – INTENSIVE MATHEMATICS & PHYSICS (30+ H/WEEK)   *2022 – 2023*

Lycée Blomet   *Paris, France*
FRENCH BACCALAUREATE, SCIENTIFIC TRACK – GRADUATED WITH HIGH HONOURS   *June 2022*

Research

LIP6 Laboratory, Sorbonne Université   *Paris, France*
RESEARCH INTERN – PROBABILISTIC GRAPHICAL MODELS   *Feb. 2025 – June 2025*

- Designed a T-order Dynamic Bayesian Network (DBN) using Python and pyAgrum.
- Developed custom inference algorithms for complex temporal dependencies.
- Optimized performance to mitigate combinatorial explosion in high-dimensional models.
- Applied measure theory and probability to validate model consistency.

Experience

Active Equity Portfolio Management
INDEPENDENT STRATEGIST   *2024 – Present*

- Built a long-only thematic strategy focused on the Semiconductor & AI value chain.
- Conducted technical deep-dives on individual stocks (e.g., Advantest analysis leading to +100% realized return).
- Managed entry/exit on Tier-1 assets (NVDA, TSM) based on supply chain monitoring.
- Leveraged dual CS/Math background to evaluate GPU architectures and semiconductor manufacturing processes.

Skills

Programming   Python (Pandas, NumPy, Matplotlib), C, SQL, Java
Tools   Git/GitHub, Jupyter Notebooks, LaTeX
Languages   French (Native), English (TOEFL 90/120 – B2), Spanish (Intermediate)

Interests & Activities

Chess, Top 2.3% on Chess.com
Market Analysis, Macro trends & Financial press (Bloomberg, FT)
Technology, GPU computing and blockchain infrastructure
Horology, Luxury watch market trends