

Cécile LIN

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EDUCATION

- 2022 – 2025 **Université Paris-Dauphine – PSL** *Paris, France*
MSc in Finance
- **Main Courses:** Fixed Income Markets, Investment and Capital Markets, Derivatives, Banking and Financial Intermediation, Financial Modeling and Applications (VBA)
 - **Optional Courses:** Quantitative Finance, Financial Econometrics, Python Programming, Risk Premia, Behavioral Finance, Financial Analysis
 - **Additional Courses:** Data management (SQL language), Machine Learning
- 2019 – 2022 **Université Paris Cité (ex Paris-Diderot)** *Paris, France*
BSc in Applied Mathematics and Computer Science to Economics - Rank: in the Top 5
- **Mathematics:** Algebra, Analysis, Optimization, Statistics, Probability, Differential Calculus, Topology
 - **Computer Science:** Algorithms/Numerical Methods Optimization (Python), Data Science (R language), Data management (SQL language)
 - **Economy:** Macroeconomics, Microeconomics, Economics and International Finance, Money Banking and Finance, Game Theory

PROFESSIONAL EXPERIENCE

- Feb 2024 – **Natixis Corporate & Investment Bank** *Paris, France*
Govies, Credit and Emerging Market - Repo Trader Assistant
- Monitoring market prices
 - Booking Bilateral/Tri-Party Repo transactions and managing short positions on repo books
 - Tracking tickets and maintaining inventory positions
 - Weekly and monthly desk reporting
 - Front/Middle/Back Office interface for deal ticket amendments and followed up on failed transfers
 - Developing pricing and data management tools in VBA/Python
 - Enhancing existing tools in VBA/Python
 - Undertaking occasional assignments for the Equities Repos desk
- June 2023 – **BRED Banque Populaire** *Paris, France*
Dec 2023 *Money Market Trader Assistant*
- Daily monitoring of issuer prices via Bloomberg for commercial paper, certificates of deposit, etc.
 - Inform investors about issuer prices via Bloomberg
 - Continuous monitoring of new issuers and benchmark indicators (swaps, foreign exchange, etc.)
 - Acted as the interface between front and back office for deals follow-up
 - Preparation of credit files and evaluation of financing requests from traders on the floor
 - Supported the team in managing customer relations
 - Integration of new customer accounts
 - Weekly and monthly desk reporting
 - Developed new VBA/Python tools (automation of tools, pricing tools, etc.)
 - Contributed to the development of the bank's internal tool interface
- AI Project – Data Scientist Assistant*
- Data extraction/web scraping with Python (internet, Bloomberg)
 - Data cleansing and analysis (isolation forest, word embedding, etc.)
 - Providing quantitative support for the use and distribution of models
 - Reviewing and back-testing developed models
 - Documentation and follow-up of projects

LANGUAGES, IT SKILLS AND PROJECTS

Languages French: Native | English: Advanced (TOEFL: 102/120) | Spanish: Intermediate | Chinese: Basic

IT Skills Python, R, SQL, LaTeX, Microsoft Pack Office, VBA, Bloomberg, HTML, CSS

Projects <https://www.cecilelin.com/>

- Associative** **Université Paris Cité** (Sep 2019 – July 2022) *Paris, France*
Tutor for disabled students
- Provided assistance and support for a student in my graduating class: note-taking, tutoring
 - Helped a student in BSc Computer Science: algebra and analysis courses, probability courses, data management courses (SQL language)