

# Alix LANOTTE-MORO

23ter rue de la Croix Rouge, 78700, Conflans-Sainte-Honorine, France  
alix.lanotte--moro@edu.devinci.fr | (+33) (0) 6 52 62 35 81 | French National

I'm looking for an internship starting in April 2025

## EDUCATION

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|---------------|---|--------------------|
| 09/21-Current | <b>ESILV Engineering School</b><br>Master in Financial Engineering - Grande Ecole Programme - Ranked Top 10%<br><i>Relevant coursework : Market Risk, C++ for Finance, Simulation methods, Stochastic Calculus, Advanced Probability and Statistics, Python Git and Linux, VBA, Derivatives pricing &amp; hedging</i> | La Défense, France |
| 09/23-12/23   | <b>Hanyang University</b><br>Engineering Exchange Programme<br><i>Working with international students. Technological and cultural immersion.</i><br><i>Relevant coursework : Data Analysis, DataScience &amp; AI and Python language &amp; use of Pandas</i>  | Seoul, South Korea |
| 09/18-07/21   | <b>Lycée Jules Verne</b><br>Scientific Baccalaureate (S) with honours   | Cergy, France      |

## WORK EXPERIENCE

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|----------------|---|-----------------------|
| 09/24 -Current | <b>De Vinci Research Center (ESILV's research lab)</b><br><i>Student Researcher</i> <ul style="list-style-type: none"><li>Developed Python models to refine investment strategies and simulate market scenarios for improved risk management</li><li>Applied stochastic processes to construct and resolve PDE, enhancing option pricing accuracy</li><li>Prepared a 30-page LaTeX research paper on quantitative finance, focusing on option pricing</li></ul> | La Défense, France    |
| 06/23-07/23    | <b>Storengy (ENGIE's gas storage subsidiary)</b><br><i>IT Assistant</i> <ul style="list-style-type: none"><li>Created a model to forecast the corrosion rate of brine pipelines using PCA method</li><li>Realised a global audit of the cybersecurity of the company and found 32 procedures to be updated</li><li>Managed an IT helpdesk within a team to help employees solve their daily problems for 2 weeks</li></ul>                                      | Bois Colombes, France |
| 07/24-07/24    | <b>CIC (French bank)</b><br><i>Bank Assistant</i> <ul style="list-style-type: none"><li>Supported 30 customers daily at the counter with account management and transaction processing</li><li>Contacted 200 customers to gather necessary information and documents for bank advisers</li><li>Organized and archived 800 bank loans by date for efficient record-keeping</li></ul>   | Moûtiers, France      |

## ADDITIONAL INFORMATION

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**Languages :** Native in French; Fluent in English

**Technical Skills :** Advanced level in Python, C++, C#, SQL, Git, Linux and Microsoft Office, Intermediate level in Bloomberg, VBA, R and LaTeX

**Certification :** Bloomberg Market Concepts

**Interests :**

- Played ice hockey as a top-level student athlete for 2 years, played at a national level, regional champion 3 years in a row, 11 years of ice hockey : improved work discipline, time management and teamwork
- Played roller field hockey competition at a national level, national champion, 4 years of roller hockey : developed stress management and competitive spirit
- 2 years chess player 1800 elo : improved strategic planning, decision-making and anticipation

**Volunteering Experience :**

Helped people in difficulty at *Les Restaurants du Cœur* for 2 months: food distribution, restocking and setting up a database to monitor existing stocks