

# Mattéo Colin

Applicant for Master 2 Probability & Finance, IP Paris

✉ [matteo.colin@telecom-paris.fr](mailto:matteo.colin@telecom-paris.fr)

🌐 <https://github.com/MatteoColin>

🇫🇷 French

## DIPLÔMES ET FORMATIONS

---

Engineering cycle  
[Telecom Paris Palaiseau](#)

Since Sept. 2024

Track : Random Modelling and Data Science & Artificial Intelligence

CPGE  
[Lycée Thiers Marseille, France](#)

From Sept. 2022 to July 2024

*Preparatory Classes for French Grandes Écoles (CPGE), Mathematics and Physics (MPSI/MP\*)*

- Intensive two-year curriculum in advanced mathematics and physics.
- Preparation for highly competitive national entrance examinations.
- Admission to a leading French engineering school.

## EXPÉRIENCE

---

Green ML  
[Academic Project Team](#)

From Feb. 2025 to Jun. 2025 (**4 months**)

Worked in a team of 4 to design and train neural networks in C (GENANN library), deployed on Raspberry Pi with external energy consumption measurement. Implemented a Python automation script to explore hyperparameters (training iterations, network architecture) and analyse the performance/consumption trade-off.

Trading Bot  
[Personnal Project Outside school setting](#)

Since Sept. 2025 (**10 months**)

Led a two-person project to apply data science and machine learning concepts studied in class. Designed data pipelines from real market data (Binance API, SQL storage) and experimented with multiple models (regression, KNN, Kernel SVM, simple neural networks) in Python using Pandas, NumPy, Scikit-learn, and PyTorch.

## ATOUTS

---

### Proactivity

Authored a prompt engineering booklet linking the theoretical study of Transformer models to prompt design best practices, supported by comparative experiments and performance analysis.

### Discipline

Practised calisthenics regularly, reinforcing perseverance, consistency of effort, and the ability to progress on demanding technical objectives.

## LANGUAGES

---

**French**  
Nativ

**English**  
C1

## COMPUTER SKILLS

---

**Data analysis**  
Pandas, NumPy, SQL, dataset preparation

**Data Science & Machine Learning**  
Classical ML, model evaluation, Scikit-learn, PyTorch