

Pierre CLAYTON

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📍 Paris

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📅 Date of birth 07/02/2001

Quantitative Finance Analyst

2nd year student at ENSAE and pursuing a Master's degree at Sorbonne University, I am actively seeking a 3 to 4-month internship in quantitative finance starting from June 2024. Ideally, this would lead to a subsequent apprenticeship opportunity.

Work experience

- From June 2023 to August 2023
- **Modeling Intern**
Les Associations Mutuelles Le Conservateur Paris
 - Main Subject: Determination of the vega of the savings portfolio (optimization of the existing process)
 - Other topics covered:
 - Development work on a Kalman filter for forecasting economic variables
 - Development work on Power BI for projecting the assets of Tontines.

Education

- Since September 2023
- **Engineering Program**
ENSAE Paris, Institut Polytechnique de Paris Palaiseau
 - Applied Statistics Project.
 - Data Science Project in Python.
 - Core Subjects: Financial Instruments, Introduction to Processes, Macroeconomics, Microeconomics, Econometrics, Statistics.
- Since September 2023
- **Master's in Applied Mathematics**
Sorbonne Université Jussieu, Paris
 - Core Subjects: Advanced Probabilities, Statistics, PDE and Elliptic Equations, C/C++, Stochastic Calculus.
- From September 2020 to June 2023
- **Dual-degree in Mathematics and Economics.**
Université Paris-Saclay Orsay
 - Interdisciplinary Project: Determining real estate prices using statistical forecasting methods
 - Distinction: With High Honors
 - Core Subjects: Differential Calculus and Optimization, Probabilities, Statistics, Macroeconomics, Microeconomics, Econometrics, Statistical Forecasting Methods, Modeling, Algebraic Structures, Topology
- From September 2018 to August 2020
- **Bachelor of Mathematics**
EPFL, École Polytechnique Fédérale de Lausanne Lausanne, Suisse
 - Programming Project in C/C++
 - Core Subjects: Algebra, Analysis, Mechanics, Electrostatics, Geometry, Theoretical Computer Science.

Skills

Data Analysis

- Proficiency in advanced statistical analysis techniques.
- Ability to interpret and visualize complex data.

Computer Programming

- Python, R, and C/C++.
- VBA scripts, Power BI.

Languages

French

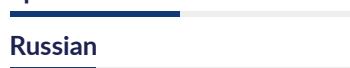
Native language

English

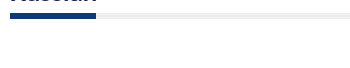
C1 : Cambridge Linguaskill

Certification

Spanish



Russian



Interests

Sport

- Boxing
- Table tennis

Teaching

I am a mathematics tutor for students from 9th grade to the second year of university (L2 in the French system).

Social networks

🐙 @PierreClayton

in @pierreclayton