

# Thibault COLLIN

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## EDUCATION

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<b>Paris-Dauphine University - PSL, Paris</b> <i>MSc 203 in Financial Markets, Honours (14/20, ranked 3/25)</i> <i>Main courses:</i> Stochastic Calculus, Financial Derivatives, Econometrics, VBA and Fixed Income <i>Master's Thesis:</i> <u>"Using Deep Learning to Hedge Rainbow Options"</u>	2021 - 2024 <i>Expected</i>
<b>Paris-Dauphine University - PSL, Paris</b> <i>Bachelor's Degree in Applied Economics, Honours (15.6/20, ranked 6/152)</i> <i>Main courses:</i> Econometrics, Applied Mathematics, Python, VBA and Portfolio Management	2020 - 2021
<b>Toulouse School of Economics, Toulouse</b> <i>Bachelor's Degree in Economics (first two years), High Honours (17.4/20, ranked 2/765)</i> <i>Main courses:</i> Macroeconomics, Microeconomics, Theoretical Mathematics	2018 - 2020
<b>Lycée Joseph Saverne, L'Isle-Jourdain (Gers)</b> <i>Baccalaureate in Science, High Honours (16.4/20)</i>	2018

## PROFESSIONAL EXPERIENCE

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<b>Société Générale CIB</b> <i>Incoming Equity Derivatives Structuring Off-Cycle</i> · Monitoring and creation of custom indices · Developments of pricing tools for exotic payoff structures	January 2023 - June 2023 <i>Paris, France</i>
<b>Citigroup</b> <i>Incoming Equity Structured Derivatives Sales &amp; Structuring Off-Cycle</i> · Pricing of complex payoff structures using <i>Excel</i> and <i>Python</i> · Development of <i>Python</i> programs to assist the sales in their daily tasks	July 2022 - December 2022 <i>Paris, France</i>
<b>Crédit Agricole CIB</b> <i>Exotic Equity Derivatives Trading Off-Cycle</i> · Built a tool that analyzes the PnL impact of a market remarking on quanto correlation · Designed a program that computes correlation and volatility sensitivities for currency pairs · Assisted traders in booking the deals and manipulating trading softwares ( <i>Bloomberg, Sophis</i> )	January 2022 - June 2022 <i>Paris, France</i>

## LEADERSHIP AND ACTIVITIES

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**Tutor in Mathematics:** taught to more than ten high-school students using innovative teaching methods with *Python* (2016 - 2021)

**Stratefi (MSc 203's association):** columnist on the weekly financial newsletter team  
The Week at a Glance (2021 - 2022)

## LANGUAGE AND IT SKILLS

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**French:** Native; **Spanish:** Intermediate; **Mandarin Chinese:** Intermediate

**IT Skills:** Python (*Numpy, Scipy, Tensorflow, Pandas*), VBA, MS Office, Sophis, Bloomberg,  $\text{\LaTeX}$

## INTERESTS

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**Hobbies:** Founding member of a book discussion club (*on Psychology, Anthropology and Economics*)

**Sports:** Tennis (8 years), Handball (7 years), Table Tennis (*regional level*), Running Track