

# RAPHAEL PONTICELLI

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## PROJECTS & TOOLS – COMMODITY TRADING & MARKET ANALYSIS

### Development of custom tools in Python to Analyze Commodity Market Dynamics

- Crack Spread Monitor: visual tracker of gasoline-crude oil spread and refinery margin simulation.
- Brent-WTI Arbitrage Tool: detects pricing anomalies between crude benchmarks using rolling Z-score spread analysis.
- Forward Curve Analyzer: Plots CL1–CL12 futures to track contango/backwardation and curve shifts.
- Oil Pre-financing Deal Simulator: Assesses profitability of structured trades based on carry, hedge cost and interest rates.

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## EXPERIENCE

### SOCIÉTÉ GÉNÉRALE CIB – Business Management Analyst – V.I.E.

London, United Kingdom | Since April 2024

- Analysing business units' performances, conducting benchmarking, and preparing presentations for management.
- Notable achievement: Participated in SG's 2024-2029 strategic plan for the UK IB division market with senior management.

### CRÉDIT AGRICOLE INDOSUEZ – Fixed Income Research – Internship

Geneva, Switzerland | Aug 2023 – March 2024

- Undertook credit analysis and market research.
- Provided investment recommendations to advisors, portfolio managers, and clients.

### JP MORGAN CHASE & CO - Trading Services Analyst

Geneva, Switzerland | Jul 2022 – Jul 2023

- Handled trade execution and post-trade operations across asset classes (equities, fixed income, derivatives, mutual funds, precious metals) for UHNW clients.
- Drove process optimization by redesigning key workflows and introducing automation tools, improving turnaround time and reducing risk.
- Notable achievement: Coordinated the overnight transfer of a \$465M portfolio for a new ultra-high-net-worth client.

### CREDIT AGRICOLE – Account Manager - Internship

Paris, France | Aug 2021 – Dec 2021

- Supported credit analysis for mid-cap corporate clients.
- Prepared pitchbooks and marketing materials for existing and prospective clients.

### GENSUN RENEWABLE ENERGIES – Market Researcher - Internship

Montpellier, France | June 2019 – Aug 2019

- Analyzed client and market data to identify strategic opportunities in France's PV solar sector.
- Assisted in budget modelling for utility-scale solar project construction.

### PONTICELLI FRÈRES – Internship (Energy & Infrastructure)

Paris, France | July 2018

- Gained sector insight into industrial EPC contracts and oil & gas operations within a family-owned multinational.

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## EDUCATION

### Grenoble École de Management – MSc in Finance & Master in Management (Grande École)

France | 2018 – 2022

- Notable academic achievement: **First Class Honours** - CFA Scholarship recipient - **GPA 4.0 (16.2/20)**
- Modules: Quantitative Methods for Finance, Algorithmics for Financial Modelling, Derivatives, Fixed Income, Asset Management, Digital Finance, M&A and Advanced Valuation, Corporate Finance & Investment Decisions.
- Master thesis: *"Quantitative analysis of hedge fund performance and alpha generation across strategies"*.

### City University of Hong Kong – Exchange Program in Financial Markets

Hong Kong | Aug 2019 – Dec 2019

- Relevant courses: Trading, Asia-Pacific Capital Markets, Financial statement analysis.

### Preparatory School at Prépa Intégrale – Mathematics & Economics

France | 2015 –2018

- preparation for the competitive exams to the top French Business schools.
- Notable academic achievement: 20/20 in EDHEC and EM Lyon Mathematics entrance exams.

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## ADDITIONAL SKILLS

- **Languages:** French (mother tongue), English (fluent, IELTS: 7.0), Italian (proficient, Level C2).
- **IT Skills & Certifications:** Microsoft Office (Proficient) ; Bloomberg (Proficient); VBA (Intermediate); Python (Intermediate); Bloomberg Market Concepts (75/100).

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## EXTRA-CURRICULAR & INTERESTS

- **Music:** Self-taught composer and multi-instrumentalist (piano, guitar, keyboards, drums, digital production).
- **Sports:** Road cycling, hiking, strength training.