Antoine Divet
2nd Year Computer Engineering Student at Imperial College London

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Education

MEng Computer Engineering – Imperial College London   Sep. 2023 – Jul. 2027
2nd year modules: Discrete Mathematics, Mathematics for Engineers, Signals & Systems, Software Systems, Communications, Control Systems, Information Processing, Instruction Architecture & Compilers, Intro to MATLAB

Lycée International de Londres Winston Churchill, London   Sep. 2020 - Jul. 2023
French Baccalaureate with Highest Honours (Mention Très Bien avec Félicitations du Jury): 20/20 in Mathematics, Physics-Chemistry & Computer Science, EPQ (A*)

Work Experience

StoneX – Risk Developer Summer Intern (London)   Jun. 2025 – Aug. 2025
- Attended presentations on Trading, Equity Research, Quant Research, Trading Operations and Technology

Susquehanna International Group – Spring Week   Apr. 2025
- Attended presentations on Trading, Equity Research, Quant Research, Trading Operations and Technology

The D. E. Shaw Group – Spring Week (London)   Apr. 2025
- Participated in discretionary trading & market making games

Queen's Tower Capital (London) – Quantitative Analyst   Nov. 2024 – present
- Developed a sports arbitrage strategy

ICBC Standard Bank – FIC Settlements Summer Intern (London)   Jun. 2024 – Sep. 2024
- Automation of settlement reports for FX confirmations & fails reports for securities using VBA
- Management Information project on quantifying and linking settlement fails & disruptions using several metrics, as well as merging daily data and risk from different teams for management
- Recalculated the team's STP rate, tracked daily trade volumes, quantified manual interventions to give senior management a better view of the team's activities
- Prepared presentations on derivatives, FX, as well as other securities to senior management

IMC Trading – Trading Masterclass (London)   Oct. 2024
- Developed futures pricing algorithms and American options (calls & puts) pricing algorithms using Python
- Presentations on options (Black-Scholes, Greeks, delta hedging...) & volatility trading (correlation, VIX...)

Citadel – Spring Week (London)   Mar. 2024
- Attended several conferences hosted by Citadel & Citadel Securities, with a focus on Investment & Trading
- Participated in the Quant Challenge & Trading Simulation in AmplifyME
- Took part in a pricing & trading challenge using Python

Trading Workshops at Optiver & Da Vinci, Springs Weeks at Moody's & MUFG, M&A Workshop at Deutsche Bank, QRT & IBM hackathons   2023-2024
- Gained an insight into options, market making & high frequency trading
- Learnt about credit analysis, financial modelling/research and how big data & tech is leveraged in finance
- Learnt about Naive Bayes classification & ML algorithms: XGBoost, Random Forest, logistic regression

Challenges & Awards
- **11th place, French Math Olympiads (Northern Europe)**   Mar. 2022
- **Merit Certificate, Maclaurin Maths Olympiads**   2021
- **2-time top 0.2% of French maths competition**
- **Chess:** won several chess tournaments including the U14 London Junior Chess Championship
- **Swimming:** 2-time English National swimmer, Camden Outstanding Individual Boy award 2019

Societies

Imperial College Investment & Algorithmic Trading Society   Sep. 2023 – Present
Imperial College Swimming Club – Represented ICL at BUCS   Sep. 2023 – Present
Beta Sigma Club (Quant Finance Club)   Jan. 2024 – Present

Skills & Languages
Programming: Python, C++, SQL, Git, Dash, React,Excel, VBA, SystemVerilog, ARM Assembly Language, MATLAB
Data Science: Pandas, SQL, Data Visualization, Feature Engineering (Kaggle), Mathematical Statistics for Data Science (Udemy), Mathematics for Machine Learning (Coursera), OOP for C++, Databases & SQL with Python
Finance: Python & Statistics for Financial Analysis, Trading Algorithms (Coursera), Asset Management, Global Markets Trading, Investment Banking, Quantitative Research, Excel Skills for Business (Forage)
Languages: English & French bilingual, working proficiency in Spanish.