

Antoine Divet

2nd Year Computer Engineering Student at Imperial College London

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Education

Computer Engineering – Imperial College London

Sep. 2023 – present

2nd year modules: Discrete Mathematics, Mathematics for Engineers, Signals & Systems, Software Systems, Communications, Control Systems, Information Processing, Instruction Architecture & Compilers

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

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 to provide a better insight to Operations 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
- Gained deep insight into operational risk as well as commodities, fixed income & currencies in emerging markets

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
- Engaged with traders, quant researchers and software engineers working at Citadel

Moody's – Spring Week: Finance & Technology (London)

Apr. 2024

- Attended presentations on financial modelling, credit analysis, and market research techniques used by Moody's professionals
- Developed a deeper understanding of the role of credit ratings in global financial markets and Moody's approach to evaluating creditworthiness using Big Data

Selected for a Trading Workshop at Optiver, completed QRT & IBM hackathons

2023-2024

- Gained an insight into market making & high frequency trading
- 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, Excel, VBA.

Data Science: Pandas, SQL, Data Visualization, Feature Engineering (Kaggle), Mathematical Statistics for Data Science (Udemy)

Finance: Trading Algorithms (Coursera), Asset Management, Global Markets Trading, Investment Banking, Quantitative Research (Forage)

Languages: English & French bilingual, working proficiency in Spanish.