

# JOHN SMITH

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## EDUCATION

### University

*BSc Mathematics and Computer Science*

**September 2021 - June 2024**

*City, UK*

- Grade: First Class Honours
- Honours: University award (achieved by fewer than 5% of students each year)
- Additional: Vice-Captain of x club for 2022/23

### Secondary School

*3 A-Levels, 10 GCSEs*

**September 2014 - August 2021**

*Town, UK*

- A-Levels: Maths (A\*), Further Maths (A), Economics (A\*)
- IGCSEs: Six grade 9, three grade 8, one grade 6, including Mathematics and English Language
- Additional: UKMT Senior Mathematics Challenge, Sports, Clubs

## PROFESSIONAL EXPERIENCE

### Bulge Bracket

*Summer Analyst - Sales & Trading*

**June - August 2024**

*London, UK*

- Rotated across equity exotic derivatives structuring, FX derivatives trading and IR derivatives trading
- Developed a python script analysing client flows and PnL saving 5 hours per week of manual analysis
- Presented global macro risk thesis to hedge fund and asset management clients
- Received return offer for full-time trading analyst position

### Bulge Bracket

*Summer Analyst - Equities Market Risk*

**June - August 2023**

*London, UK*

- Programmed a novel & flexible report to analyse dispersion trading risks and performance in equity flow derivatives books for use by senior risk managers and traders
- Developed a script that decomposes simulated VaR scenarios into the shocks applied to different assets to increase the explainability of the VaR metric
- Presented twice daily risk & PnL updates to the global equity market risk team & conducted over 10 independent risk analyses of market events e.g. the NASDAQ special rebalance and Italian banks windfall tax
- Received return offer for full-time market risk analyst position

### Local Council

*Summer Job*

**June - September 2022**

*Town, UK*

- Input sensitive information to custom database requiring high attention to detail to recognise anomalies
- Processed over 400 forms resulting in the team's summer workload being completed one month early

## EXTRACURRICULAR EXPERIENCE

### University Finance Society

*Quantitative Analyst*

**October 2022 - June 2023**

*City, UK*

- Led a team of 3 students to compete in a quantitative trading competition placing 5th out of 87 teams
- Implemented the Avellaneda-Stoikov market-making model to continuously quote bids and asks

### Proprietary Trading Firms

*Trading Spring Insights*

**March - April 2022**

*Remote*

- Received training in equities markets, options theory, market making, market microstructure and trading system design
- Placed 3rd out of 20+ teams in a competition to develop and test a delta-neutral cross-exchange arbitrage strategy

### University Trading Society

*AmplifyMe Finance Accelerator Simulation*

**October 2021**

*Remote*

- Traded in a simulation of roles on the buy-side as a fund manager and sell-side as an investment bank trader
- Ranked fourth and tenth on the sell-side and buy-side respectively, out of 72 participants

## SKILLS & INTERESTS

<i>Technical</i>	Programming languages, Microsoft Office, Bloomberg Terminal, L <sup>A</sup> T <sub>E</sub> X
<i>Certifications</i>	Bloomberg Market Concepts
<i>Linguistics</i>	English (Native), self-studying classical Latin and ancient Greek
<i>Interests</i>	History, geopolitics, macroeconomics, poker, Formula One
<i>Sports</i>	Powerlifting, chess