

PERSONAL PROFILE

Physics Master's graduate with a strong quantitative background, solid programming skills, and a genuine interest in financial markets. Highly motivated, analytically rigorous, and a practical problem-solver. For examples of my work, projects, and a fuller picture of who I am, please see my website.

EXPERIENCE

Experience Day – Invesco

(6th November 2025)

- Gained first-hand exposure to live market execution, trade flow, Bloomberg systems, and cross-desk interaction during a full-day shadowing experience on Invesco's trading floor

Research Assistant – University of Southampton

(June – August 2024)

- Completed a funded eight-week research studentship, optimising an optical setup and developing MATLAB control code for a nano-positioner used under vacuum and cryogenic conditions

Other Experience

(2017 – 2025)

- Employment across various roles, developed skills of teamwork, resilience, and communication

EDUCATION

University of Southampton

Master of Physics with Astronomy (MPhys)

Second Class Honours, Upper Division

(2021 - 2025)

- Strong quantitative foundation demonstrated across high-scoring mathematical modules
- Advanced Python and Linux skills developed in teaching modules, labs, and research projects
- First-Class dissertation with large-scale data handling, modelling, and statistical significance testing

Blundell's School

(2013 – 2020)

- A Levels (June 2020): Maths (A), Physics (A), Drama (B), Extended Project (A)
- GCSEs (June 2018): 9 subjects including Maths and English

KEY SKILLS

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| • Quantitative analysis & modelling | • Independent research & problem-solving |
| • Programming (Python, MATLAB, Linux) | • Communication & presenting |
| • Data analysis & statistical reasoning | • Teamwork & Collaboration |
| • Technical documentation (LaTeX) | • Adaptability & willingness to learn |

ACHIEVEMENTS & INTERESTS

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| • UKMT Senior Maths Challenge – Highest score in year; Kangaroo round invite | • Duke of Edinburgh Bronze |
| • NEA Grade 8 Acting (Distinction) | • Ten Tors (35-mile) |
| • 1 st XV Rugby (University, School, Club) | • Sailing (RYA level 4) |
| • Ocean & Earth Football Club (University) | • Piano & Trombone (ABRSM grade 4) |
| | • RYA powerboat licence |