

## PERSONAL PROFILE

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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

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### Experience Day – Invesco

(6<sup>th</sup> 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

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

## ACHIEVEMENTS & INTERESTS

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