

# Nicholas King

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## EDUCATION

**University of Sheffield | BSc Economics with Finance** | *September 2023 – July 2025*

- Achieved Upper Second Class Honours (68). Dissertation (73) focusing on Geopolitical risk and stock returns – utilised VAR, ARIMA, Random Forest, and GARCH in STATA/Python.
- Relevant modules include Mathematical Methods, Econometrics, Microeconomics, Macroeconomics, Statistical Methods.

**Altrincham Grammar School for Boys** | *September 2015 – July 2022*

- A-Levels: Mathematics (A), Economics (A) and Geography (A).

## WORK EXPERIENCE

**Investment Banking, JPMorgan** | *Remote* | *July 2024*

- Conducted financial modelling and market analysis to support transaction teams.
- Produced concise market briefings and presentations for senior stakeholders.
- Enhanced understanding of commodities, derivatives, and global markets, feeding into trading interest.

**PwC Audit Intern, Bright Network** | *Remote* | *June 2024 – July 2024*

- Tested financial data accuracy and reconciliations, contributing to risk reduction in client audit reports.
- Streamlined audit processes using Python automation, reducing manual error points and improving efficiency.
- Gained insight into regulatory and compliance requirements critical for large-scale financial operations.

## PROJECTS

**Stock Market Analysis** | *Python*

- Conducted in-depth analysis on stocks such as MSFT, developing time series (ARIMA, GARCH) and Machine Learning (Random Forest) models to forecast equity returns.
- Built Jupyter dashboards for data visualisation and actionable investment insights.

## LEADERSHIP

**University Men's Football Club Treasurer** | *Sheffield* | *April 2024 – June 2025*

- Served on a six-member men's football committee overseeing a club of 120 members transitioning the club from a loss-making to a profit-making entity for a society with an annual turnover of approximately £27k.
- Streamlined team allocation for 350 trial participants by automating the process in Excel, reducing admin time by ~60%.
- Delivered weekly financial reports to the executive committee, enabling informed budgetary and strategic decisions.

**Economics and Finance Mentor** | *Sheffield* | *July 2024 – June 2025*

- Mentored two first-year university students and two master's students, supporting their academic progression and careers.
- Enhanced mentees' performance by strengthening their analytical, problem-solving, and research skills through tailored guidance.

## OTHER EMPLOYMENT

**Bowdon Cricket Club** | *Altrincham* | *June 2023 - Present*

- Promoted within one year due to reliability and leadership, overseeing teams of up to 7 staff.
- Implemented scheduling and stock management improvements that reduced operating inefficiencies during peak events.
- Built resilience and problem-solving skills by resolving issues under time-sensitive, high-pressure conditions.

**Mathematics Tutor** | *Altrincham* | *September 2020 – September 2023*

- Tutored GCSE and A-Level mathematics, with 100% of my GCSE students achieving 7s and above.

## ADDITIONAL INFORMATION

**Skills:** Advanced STATA (Econometrics), Intermediate Python (Financial Analysis), Excel (Data Analysis).

**Interests:** Football, Running, Reading and Personal Investing.