Elizabeth White

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SUMMARY

- Final year BSc. Mathematics with Statistics student with a strong interest in financial markets.
- Practical experience in investment management and financial analysis via leadership roles within Loughborough's Student Managed Fund.
- Experience using Python, R and SQL to analyse large datasets and fit general linear models.

EDUCATION

Loughborough University   **Loughborough, UK**
Bachelor of Science in Mathematics with Statistics   Class of 2025

- **Second Year Mark:** 79 % (First Class Honours).
- **Modules of Interest:** Linear Algebra 2 (91 %), Computing and Numerical Methods (using MATLAB) (81 %), Probability Theory (81 %), Statistical Modelling (using R) (85 %).
- **Relevant Third Year Modules**: Statistics for Large Data, Stochastic Methods in Finance, Bayesian Statistics and Markov Chain Monte Carlo Methods, Computational Methods in Finance.

Tanglin Trust School   **Singapore**
A-Levels & GCSE   August 2020–July 2022

- **A-Level Grades:** Mathematics (A), Physics (A), English Literature (A), Extended Project Qualification (A*).

EXPERIENCE

Loughborough Student Managed Fund (LSMF)   **Loughborough, UK**
Head of Sustainable Investments & Fund Management Committee Member   2024/25 Academic Year

- Appointed to the committee of a student-led investment fund managing a £300,000 portfolio.
- Collaborating with committee to assess investment proposals, monitor portfolio performance and manage portfolio risk by analysing market conditions and employing stop-loss strategies.
- Leading the development of the LSMF's Sustainable Investing Strategy, including defining exclusion criteria, identifying sector-specific impact investing opportunities, and implementing an ESG evaluation framework.

Healthcare Sector Head   2023/24 Academic Year

- Directed the investment strategy for the LSMF's healthcare portfolio, overseeing investments compromising 21.4 % of total AUM.
- Managed a team of six students in researching and developing proposals for small to mid-cap healthcare stocks, achieving a 25.8 % outperformance over the S&P 500 Health Care index.
- Coached team members in financial statement analysis and relative valuation modelling, guiding them to create data-driven investment presentations for committee review.

VOLUNTEERING

Loughborough University   2023/24 Academic Year
School of Mathematics Student Representative

- Led a team of students in gathering feedback from the mathematics cohort, presenting findings to faculty and administration.
- Collaborated with academic staff to implement solutions, improving overall student satisfaction.

SKILLS

Technical Skills: Python (NumPy, Pandas, scikit-learn, SciPy, TensorFlow & Keras), R, MATLAB, SQL (PostgreSQL), Excel.
Activities & Interests: Competitive Powerlifting, Student Mentoring, Reading, Machine Learning.