George Williams

+44 07757 600929 | gwilliamswork@yahoo.com | LinkedIn | GitHub

PROFILE

First-class Economics Undergraduate with hands-on experience using Python, SQL and Excel to solve commercial problems. Built predictive models, analysed portfolio data, improved data quality and translated findings into recommendations for clients and senior stakeholders. Combines quantitative rigour with clear communication, project ownership and a strong interest in client-facing analytics and customer research.

TECHNICAL AND CLIENT SKILLS

Analytics: Python, SQL, Excel, causal inference, econometrics, scenario analysis, data cleaning
Business: Insight generation, risk analysis, market research, process improvement
Data science: predictive modelling, back-testing, data-quality analysis, model evaluation
Client delivery: stakeholder communication, report writing, presentations, team coordination, agile project management

EDUCATION

University of Nottingham | BSc Economics (Hons) | First-class Honours achieved to date **Sep 2024 - July 2027**

- Selected results: Financial Economics 78%; Microeconomic Theory 74%; Applied Econometrics II 73%.
- Relevant study: econometric analysis, data analysis, portfolio theory, asset pricing, corporate finance and game theory.

The Robert Smyth Academy | A levels and AS level **Sep 2017 - Aug 2024**

- Economics (B), PE (A), Geography (B), AS Mathematics (B)

RELEVANT EXPERIENCE

Bibby Financial Services | Risk Transformation Intern | Oxford and London **Jun 2026 - Sep 2026**

- Built a probability-of-default model using logistic regression in Python, demonstrating how quantitative analysis could support faster, evidence-based underwriting decisions.
- Cleaned and analysed portfolio and credit-exposure data in SQL; used scenario and what-if analysis to quantify the impact of new controls and changes in portfolio risk. I presented these findings using Power BI for a risk committee.
- Used portfolio monitoring and data-quality analysis to identify emerging risks, support governance improvements and help resolve five internal audit points.
- Combined an AI agent with Excel macros to create a faster, more consistent underwriting workflow that achieved 99% accuracy against policy rules in end-to-end testing. This was used in further business functions across the business to speed up administrative tasks such as content transfer between documents.
- Assisted with the delivery of an automated decision tool by forecasting its effect on compliance and capacity. This combined API's and a workflow orchestrator to deliver a faster and more reliable underwriting process for clients and boost capacity for the business; the results of this are to be realised.

Caremixer | Student Strategy Consultant | Nottingham **Mar 2026 - Apr 2026**

- Delivered a 55-page market research report for a software-as-a-service start-up, converting evidence into practical recommendations covering market research, client dynamics, and usability forecasts.
- Led client liaison and communication, coordinated team quality and structured the analysis and final recommendations for clear stakeholder decision-making.

ANALYTICAL PROJECTS AND LEADERSHIP

University of Nottingham Men's Rugby Union Club | Vice-President | Nottingham **Mar 2026 - Present**

- Support operations for 200 members and manage the alumni network; a membership scheme projected to generate more than £2,000 in annual profit.
- Organised and delivered a key marketing fixture by supporting planning regarding payment systems and match day hospitality that raised over £3,000 for the club.

NEFS Investment Fund | Portfolio Manager | Nottingham **Aug 2025 - Jun 2026**

- Managed a £21,000 equity portfolio, using financial and ratio analysis to develop recommendations and outperform the S&P 500 by 3.58%.
- Organised and delivered a modelling masterclass to 20 analysts on DCF and LBO Models, which contributed to me being named Manager of the Year.

Nottingham Investment Competition | Third Place **Feb 2026 - Mar 2026**

- Built and back-tested a mean-variance portfolio model in Python, working within a three-day 2% VaR threshold at 90% confidence and outperforming the S&P 500 by 4.86%.

Private Credit Deal Case Study | Independent **Aug 2026**

- Analysed Mimecast's business model, financial statements, recurring revenue and downside risks. Also proposed protections to support recovery in a default scenario.
- Delivered a final recommendation with market and company research, capital structure analysis, forecasts that an LBO model and a final lending recommendation support.

Barings University Stock Pitch Competition | Second Place **Feb 2025**

- Synthesised research, valuation and modelling into a concise investment thesis and communicated the recommendation to a judging panel.