ACTUARIAL SCIENCE STUDENT

Profile

A motivated actuarial science undergraduate with strong foundations in mathematics, statistics, finance, and machine learning. Experienced in data analysis, actuarial modelling, and AI-driven projects across academic and startup environments.

Education

BSc (Hons) Actuarial Science — University (2023–2027)
Relevant coursework includes Probability Theory, Mathematical Finance, Econometrics, Statistical Inference, Regression Analysis, Corporate Finance, and Risk Management.

Professional Examinations

Institute and Faculty of Actuaries (IFoA)
• CS1 — Actuarial Statistics
• CB2 — Business Economics
• CB1 — Business Finance

Technical Skills

• Programming: Python, R, HTML, VBA
• Data & ML: Pandas, NumPy, PyTorch, GLMs, Logistic Regression, Neural Networks
• Statistical Tools: SPSS, Stata
• Productivity: Microsoft Office

Experience

Machine Learning Researcher / Co-Founder (Startup)
• Built and trained machine learning models for real-world deployment
• Applied statistical modelling to user and market data
• Contributed to full-stack AI-powered applications

Leadership & Activities

• Student society leadership roles
• Robotics and AI competitions
• Public speaking and outreach programs

Awards & Achievements

• National and international robotics awards
• Public speaking and debate recognitions
• Academic excellence awards