**Lyle Desborough**

**Farnham, Surrey**

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**Personal Profile**:

A motivated and dependable individual, having achieved a first-class BSc (Hons) Mathematics degree at the University of Kent. Keen interest in maths, technology, space, financial markets, music, and film. Excited to explore new opportunities when presented. Strong ability to analyse and interpret numbers and present trends and possible opportunities, having presented many statistical presentations both in the workplace and at university, achieving 90% on a statistics presentation given during the first year of study at university, and 80% overall in my second year Applied Statistical Modelling module. Currently pursuing a master’s degree in Space Systems Engineering.

**Education**

**University of Southampton Sept 2024 – Sept 2025**

**MSc in Space Systems Engineering**

Modules:

Advanced Astronautics

Concurrent Space Systems Design

Spacecraft Instrumentation

Spacecraft Orbital Mechanics

MSc Research Project

Spacecraft Propulsion

Spacecraft Structural Design

Hypersonic and High Temperature Gas Dynamics

**University of Kent Sept 2020 – July 2024**

**BSc in Mathematics with a Year in Industry**

Stage 3 Modules:

Groups and Representations

Graphs and Combinatorics

Statistical Consultancy and Data Presentation

Games and Strategy

Statistical Learning for Data Scientists

Mathematics in the World of Finance

Stochastic Processes

Projects in Mathematics

Stage 2 Modules:

Applied Statistical Modelling

Curves and Surfaces

Groups and Symmetries

Lagrangian and Hamiltonian Dynamics

Linear Partial Differential Equations

Numerical Methods

Real Analysis 2

Number Theory

Stage 1 Modules:

Statistics

Algebraic Methods

Applications of Mathematics

Linear Algebra

Mathematical Methods 1&2

Probability

Real Analysis 1

**Farnborough Sixth Form College Sept 2018 – July 2020**

A Levels:

Mathematics

Computer Science

Accounting

**Weydon Secondary School Sept. 2013 – July. 2018**

I achieved 10 GCSEs ranging from A\*- C/9-6, including an 8 in Mathematics.

**Work Experience:**

**Jarmany Ltd**  **August 2022 – Sept 2023**

Over my placement year, I was responsible for managing the claims process for our partners in the United Kingdom and Ireland. This included creating and implementing promotional offers, reviewing and validating claims, and creating/presenting monthly reports on partner performance. I also worked closely with partners to ensure successful promotions and accurate record keeping. Additionally, I was responsible for identifying and resolving discrepancies between partner claim quantities and internal sales reports. I had also been placed on a 2-person team that had been tasked with automating the validation aspect of the claims process. This involved the utilisation of various tools, including Excel, Power BI, SQL, Python, and Power Automate to automate the process, increasing the efficiency throughout the entire team moving forward.