# LEE SCOTT

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#### **EDUCATION**

## **University of St Andrews**

Sept 2021 - May 2025

BSc (Hons) Mathematics (Expected 2:1)

#### University of Glasgow Sutton Trust Summer School

July 2020

Engineering Academic Skills (A)

#### **Greenfaulds High School**

Aug 2015 - June 2021

Advanced Highers: Mathematics (A), Art & Design (C)

Highers: Mathematics (A), English (A), Physics (A), Computing Science (A), Graphic Communication (A), Design & Manufacture (A),

Art & Design (A)

#### WORK EXPERIENCE

### Sales Associate - TAAKs of Scotland LTD

September 2024 – Present

Handled sales, managed store closing/ operations and provided customer service. Developed strong organizational skills through maintaining the store. Enhanced collaboration and initiative by working effectively within a team to meet sales targets and deliver a positive customer experience.

## **GCHQ Work Experience Day**

June 2020

Gained insight into the operations of the tech and cybersecurity industries. Exposed to tasks involving encryption, ethical hacking and data analysis. This experience sparked an interest in cybersecurity and strengthened my analytical skills.

Freelance Designer 2015-2019

Created customized social media branding and advertisements for clients. Direct collaboration with clients has helped me to improve my client communication and project management skills. Working in a design-focused environment also enhanced my creativity, enabling me to deliver innovative solutions.

#### ACADEMIC PROJECTS

**Data Augmentation for Deep Learning on Images (BSc (Hons) Mathematics Dissertation)**September 2024 – May 2025

Implemented deep learning models using TensorFlow in Python to investigate the impact of data augmentation techniques on convolutional neural network (CNN) performance. Focused on classifying pigmented lesions from the Skin Cancer MNIST: HAM10000 dataset. Applied augmentation techniques such as rotation, flipping and hue adjustment to help enhance model accuracy.

#### AWARDS

#### General Wardlaw Scholarship – University of St Andrews

2021

Awarded a merit-based scholarship recognizing academic excellence in underprivileged students.

## 1st in Mathematics – Greenfaulds High School

2021

Received the highest grade in Advanced Higher Mathematics.

## The Ascent – Saltire Award

2020

Awarded for completing 50 hours of volunteering, done at XS Taekwondo club.

#### SKILLS, ACTIVITIES AND INTERESTS

Programming Languages: Python, R, Java, SQL

Frameworks/ Libraries: TensorFlow, SciPy, tidyverse, Git

Tools and Software: Microsoft Office Suite, Jupyter Notebook, Adobe Photoshop, Cinema 4D

**Activities:** 

## - Scuba Diving - BSAC Ocean Diver

Member of university sub aqua committee as social secretary, responsible for planning meetings and promoting inclusivity. Scuba diving involves a lot of responsibility and safety procedures which has helped me to develop my leadership and planning abilities.

#### Taekwondo

Achieved a black belt and competed in Scottish, British and Pan-European Championships, earning 3 gold, 4 silver and 2 bronze medals. Volunteered as an instructor, enhancing my leadership, teamwork, and mentoring skills by guiding club members to refine their skills.

**Interests:** Chess, football, art/design, video games, traveling and exploring nature.