

Owen Drummond

📞 07857 910144 ✉ ogd559@gmail.com [in linkedin.com/in/od6](https://www.linkedin.com/in/od6) github.com/owendrummond6

Education

The Highfield School

Sep 2017 - Aug 2024

A-Level - Mathematics, Geography, Business Studies (A* A A)

Letchworth, Hertfordshire

- **Relevant Information:** - Studied mathematical principles such as calculus, algebra, and statistics, along with business analytics and data interpretation techniques.

Experience

Screwfix

Mar 2023 – Present

Sales Assistant

Letchworth, Hertfordshire

- Coordinator of national app promotions in my local store, leading to +15% sustained engagement with app.
- Improved promoter score by 30% since September, sped up in-person sales by 1.5–2x as a result of problem-solving skills and customer service.
- Utilise data analysis to identify sales trends and customer purchasing patterns, informing inventory management and optimising stock levels.

WGSN & Ascential

Jun 2023 – Jul 2023

Data Analyst Work Experience

Holborn, London

- Conducted data analysis on fashion market datasets, applying regression analysis techniques to identify key factors influencing market trends.
- Utilised trend forecasting methods to make data-driven inferences about future market movements, predicting potential changes.
- Developed and delivered a comprehensive presentation outlining potential future trends in the fashion industry, backed by data from 5 years of market research.

Goldman Sachs

Sep 2024

Software Engineering Work Experience

Goldman Sachs, Forage

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using MD5, an outdated password hashing algorithm, by cracking passwords with Hashcat.
- Wrote a memo for my supervisor summarising a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.

Projects

Trojan | React.js, MongoDB, Python, Flask, OpenAI API

- Comprehensive cyber education platform designed to provide interactive and engaging learning experiences for users at all skill levels.
- Integrated an AI chatbot powered by the OpenAI API to offer personalised assistance and real-time support for users.
- Created a custom module creation tool that enables dynamic content generation and tailored learning paths to enhance user engagement and learning outcomes.

Image Classification Tool | Python, Jupyter, Tensorflow, Tkinter

- Developed an image classification tool with Tkinter UI, utilising neural networks, specifically trained on the MNIST dataset to achieve high accuracy in digit recognition.
- Optimised the neural network architecture for improved processing speed and accuracy, achieving over 98% accuracy on test data while maintaining a responsive user experience.

Technical Skills

Languages: Python, HTML, CSS, JavaScript, TypeScript, R, SQL.

Technologies: React.js, Flask, Express.js, Figma, TensorFlow, PyTorch, Jupyter, Keras, Scikit-Learn, Pandas, HuggingFace.

Concepts: Machine Learning, Neural Networks and Deep Learning, Data Structures, Probability and Statistics, Large Language Models (LLMs), Object-Oriented Programming (OOP), Calculus, Algorithm Complexity, Linear Algebra.

Courses: Introduction to Data Science with Santander, Engineering with Airbus, Machine Learning Career Path with Codecademy, Introduction to Machine Learning with Freecodecamp.