Owen Drummond

📞 07857 910144   ✉ ogd559@gmail.com   in linkedin.com/in/od6   🌐 https://owendrummond6.github.io/Portfolio/

Education

The Highfield School   Sep 2017 - Aug 2024
A-Level - Mathematics, Geography, Business Studies (A* A A)   *Letchworth, Hertfordshire*
- **Relevant Information:** - An extremely motivated and passionate student, recognised for my dedication and love of learning. I have studied mathematical principles including calculus, algebra, and statistics, alongside business operations and data analysis techniques specifically tailored for practical business applications.

Experience

Screwfix   Mar 2023 – Present
Sales Assistant   *Letchworth, Hertfordshire*
- Coordinated national app promotions at my local store, resulting in a sustained engagement increase of over 15% with the Screwfix app.
- Enhanced the promoter score by 30% since September and accelerated in-person sales by 1.5 to 2 times, driven by effective problem-solving skills and exceptional customer service.
- Frequently recognised and rewarded for my efforts in active listening and effectively solving difficult problems.
- I have actively consulted with the data and operations team at Screwfix's head office to identify areas for improvement, driving initiatives that enhance operational efficiency and ultimately boost customer satisfaction.

NapierAI   Sep 2024 – Present
Machine Learning Engineer/Data Science Placement   *Canary Wharf, London*
- Played a pivotal role in developing and deploying a Machine Learning model for anti-money laundering, designed to analyse over 10 key financial metrics across 30+ countries, whereby my actions have a direct *global* impact.
- Thoroughly analysed data from the model's results and generated visualisations and graphs in Excel for a designer, which are incorporated into high-profile reports for publications such as the *Financial Times* and *Bloomberg*.
- Successfully led a team of 6, providing guidance on complex data-related queries and ensuring accurate inference on raw data. My contributions had a global impact, influencing decision-making for businesses across multiple international markets.

WGSN   Jun 2023 – Jul 2023
Data Analyst Work Experience   *Holborn, London*
- Analysed fashion market datasets using regression techniques to identify key factors driving trends, providing valuable insights into consumer behaviour and industry patterns.
- Employed trend forecasting methods to draw data-driven insights about future market movements, effectively predicting potential changes and opportunities.
- 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 Virtual 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. I recommended transitioning to more secure hashing algorithms, such as bcrypt or Argon2, which offer enhanced protection against attacks and improved overall security for user credentials.

Projects

Trojan | *React.js, MongoDB, Python, Flask, OpenAI API*
- A comprehensive cyber education platform crafted to deliver interactive and engaging learning experiences, catered to business applications after spotting a gap in the SaaS market.
- 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 courses.

Digit Classification Tool | *Python, Jupyter, Tensorflow, Tkinter*
- Developed an image classification tool featuring a Tkinter user interface, leveraging neural networks specifically trained on the MNIST dataset to accurately recognise handwritten digits.
- Optimised the neural network architecture for improved speed and accuracy, achieving over 98% accuracy on test data.

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