

Profile

Graduate Data Scientist with an MSc (Distinction) in Data Science and strong hands-on experience turning raw data into actionable insights. Skilled in **Python, SQL, and statistical modelling**, with practical exposure to **machine learning, data visualisation, and cloud-based analytics**. Proven ability to **collaborate with engineers and researchers**, communicate findings clearly, and deliver solutions that improve performance and decision-making. Passionate about **applying data science to real-world business problems** and continuously learning from experienced professionals.

Skills

- **Programming & ML:** Python (pandas, NumPy, scikit-learn, PyTorch, TensorFlow), R, NLP, Time Series, Predictive Modeling
- **Data Handling & Cloud:** SQL, Spark, Databricks, AWS (S3, EC2, Lambda), Azure (Synapse, Pipelines, Storage)
- **Visualization & Reporting:** Power BI, matplotlib, seaborn, interactive dashboards
- **Tools & Development:** Git, Docker, Linux, FastAPI, REST APIs, CI/CD

Experience

University of Lincoln

Lincoln, United Kingdom

Data Scientist

Jul 2025 – Present

- Analysed and modelled plant trait data to identify key growth trends, supporting research-driven insights
- Built a scalable trait data platform (FastAPI + PostgreSQL + Azure), enabling real-time phenotype analytics for research teams
- Optimised Azure pipelines to reduce query times by 75% and cut storage costs by 30%, improving research efficiency
- Presented analytical findings to non-technical stakeholders, driving evidence-based decisions

University of Lincoln

Lincoln, United Kingdom

Research Data Analyst

Feb 2025 – Jul 2025

- Designed and automated data pipelines for EEG and behavioural datasets, improving data processing efficiency
- Conducted statistical analysis on multi-participant data, uncovering patterns that guided therapeutic approaches
- Created interactive Power BI dashboards to visualise outcomes, enhancing engagement and clarity

Codelight

Ho Chi Minh, Vietnam

Software Engineer

Jan 2024 – Jul 2024

- Developed and maintained **data-driven web applications** using Next.js and PostgreSQL for analytics dashboards
- Improved web performance (load time < 1 s) through lazy loading and efficient data handling

TecAlliance

Ho Chi Minh, Vietnam

Software Intern

Jun 2023 – Sep 2023

- Automated **data import and cleaning pipelines**, reducing manual data entry time and errors for supplier databases
- Integrated front-end UI with REST APIs to process structured automotive data for 280+ suppliers
- Delivered feature insights to stakeholders, enabling informed decisions to meet supplier and market demands

Projects

Human Action Recognition (PyTorch, Python)

Jun 2025 – Sep 2025

Improved video classification accuracy by 10% on 1,200+ videos using Action Transformer and multi-view fusion. Potential applications in robotics and agriculture

Amazon Reviews Classification (NLTK, Python, scikit-learn)

Apr 2025 – Jun 2025

Built NLP pipeline for 17K+ reviews, delivering sentiment insights to support e-commerce analytics

Education

University of Lincoln

Lincoln, United Kingdom

MSc Data Science and Applied Analytics (*Distinction*)

Sep 2024 – Sep 2025

Relevant Coursework: Big Data Analytics, Data Mining, Simulation & Modelling, Image & Text Processing for Data Science

University of Technology (HCMUT)

Ho Chi Minh, Vietnam

BSc Computer Engineering (*First Class Honours equivalent*)

Oct 2020 – Mar 2024

Relevant Coursework: Linear Algebra, Mathematical Modelling, Database Systems, Operating Systems