

Roger J. Campbell

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Senior Data Scientist with 4 years' experience delivering end-to-end machine learning and advanced analytics solutions across energy and technology sectors. Skilled in MLOps and LLM Ops, with hands-on expertise in building industrial-standard data and AI projects, including CI/CD pipelines and scalable cloud solutions using Palantir Foundry, Microsoft Azure, and AWS.

Co-Founder of Ch3rry Pi3 Ltd, providing AI/ML consultancy and offering free training and mentorship to aspiring data analysts and scientists. Currently completing an MSc in Data Science (average grade 97.5%), with a proven track record of translating complex data challenges into measurable business impact.

Portfolio

To view my latest portfolio, click [here](#). It includes End-to-End MLOps projects, and I will be starting LLM Ops projects soon.

Experience

AUGUST 2025 – PRESENT

Co-Founder & AI/ML Consultant | Ch3rry Pi3 Ltd | Hybrid

- Provide AI/ML consultancy services to businesses, specialising in building **industrial-standard, scalable ML and LLM solutions**.
- Current projects include:
 - **Medical chatbot LLM**: Developing an agentic AI chatbot for healthcare users.
 - **Crypto trading bot**: Creating an automated trading pipeline with live data integrations.
- Mentor and train **junior data analysts and scientists**, supporting their transition from exploratory **Jupyter notebooks** to **modular, automated ML solutions** for production (for local and cloud deployment).
- Deliver pro-bono training and advisory sessions for early-career data professionals adopting AI/ML.
- Write and publish **articles/blogs (Substack)** on programming, machine learning, and AI, supporting knowledge-sharing and community development. Click [here](#).

JUNE 2022 – APRIL 2025

Senior Data Scientist (Contractor) | BP (via Grayce & Harvey Nash) | Hybrid

- Lead data scientist in production optimisation team, identifying multi-million-dollar efficiency gains through advanced analytics and ML.
- Designed and deployed **regression models** and forecasting techniques to quantify workflow changes.
- Built and maintained **CI/CD pipelines in Azure ML** and **Palantir Foundry** for NLP event classification, enabling robust and reproducible deployment.
- Automated processing of production data within **Palantir Foundry**, significantly reducing manual intervention.
- Directed ML solutions on **6 major initiatives**, generating actionable insights that improved production outcomes and informed operational strategy.

JUNE 2021 – OCTOBER 2021

Data Analyst | Jobs22 | Remote

- Analysed programme performance data for employment services, supporting government-backed initiatives.
- Built **Power BI dashboards** to provide real-time insights for operational teams.

Skills

Data Science & AI

Machine Learning (ML) · MLOps · LLMOps · Econometrics · Statistical Inference · Time Series Analysis · Causality · Forecasting · Predictive Modelling

Cloud Platforms

Palantir Foundry · Microsoft Azure · Amazon AWS

Programming & Tools

Python · R · SQL · PySpark · Git · GitHub Actions · Docker · Kubernetes

Data Visualisation

Power BI · Tableau · Dash/Plotly

Professional

Leadership · Communication · Mentorship · Cross-functional Collaboration

Education

JANUARY 2024 – PRESENT

MSc Data Science | University of St Andrews | St Andrews, Scotland

Current average: **97.5%** · 2024 Dean's List for Academic Excellence

OCTOBER 2015 – JULY 2023

BSc (Hons) Mathematics | Open University | Remote, UK

First Class Honours

SEPTEMBER 2019 – DECEMBER 2021

MSc Economics | University of Birmingham | Birmingham, UK

Distinction · Elected Postgraduate Representative, Birmingham Business School

SEPTEMBER 2020 – JUNE 2014

BA (Hons) Politics, Philosophy & Economics | Open University | Remote, UK

First Class Honours

Certifications

2025

AWS Certified Cloud Practitioner

2024

AZ-900: Microsoft Azure Fundamentals · AI-900: Microsoft Azure AI Fundamentals · DP-900: Microsoft Azure Data Fundamentals

2023

IBM Data Science Professional Certificate · IBM Machine Learning Professional Certificate · IBM Applied AI Professional Certificate · IBM AI Engineering Professional Certificate · Machine Learning Specialisation | DeepLearning.AI

2022

Cloud Essentials+ | CompTIA · AgilePM Foundation