

Jevan Cousins

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PROFILE

Quantitative professional with a Physics and Mathematics background from UCL, combining analytical rigour with strong technical implementation skills. At Allianz Global Investors, I led the technical implementation of MSCI BarraOne across global Fixed Income teams, engineered performance attribution models saving £500,000+ in costs, and pioneered AI adoption with 50+ identified use cases. Currently building NutriPlan as Co-Founder and CTO. Seeking opportunities where I can apply my blend of quantitative analysis, software engineering, and business impact.

SKILLS

Languages: Python, SQL, R, DAX, VBA, JavaScript, TypeScript, Swift, HTML, CSS, LaTeX

Frameworks: Pandas, NumPy, Scikit-learn, TensorFlow, FastAPI, Matplotlib, Plotly, Seaborn, SwiftUI

AI/ML: LangChain, LlamaIndex, OpenAI API, Claude API, Prompt Engineering, RAG Architectures, pgvector

AI Dev Tools: Claude Code, Cursor, GitHub Copilot, MCP Servers, Agentic Workflows

Platforms: Power BI, Azure, Databricks, JIRA, GitHub, GitHub Actions, Jupyter Notebook, Notion API

Databases: PostgreSQL, Supabase, SQL Server

Domain: Fixed Income, Performance Attribution, MSCI BarraOne, Bloomberg, Portfolio Management, Risk Analysis

Certifications: DataCamp Data Science Professional; Level 6 Diploma in Trading (Distinction) – LIBF

EXPERIENCE

Allianz Global Investors

Solution Architect

Jun 2022 – Present

London, UK

- Led technical implementation of MSCI BarraOne system for all global Fixed Income teams and decommissioning of 3 legacy systems, completing a project previously attempted twice over 7 years
- Engineered custom performance attribution models, workflows and 20+ reports using Python, SQL and Power BI, saving £25,000 per report in development costs and £15,000 annually in maintenance
- Pioneered AI tool adoption including a chatbot trained on company data and computer vision modules for document automation, driving adoption through intuitive UX and measurable time savings
- Led agentic AI adoption by educating senior management and identifying 50+ use cases across the organisation
- Collaborated with global stakeholders across Fixed Income teams to gather requirements and deliver tailored solutions

Allianz Global Investors

Investment Infrastructure Intern

Summer 2021

London, UK

- Automated 4/4 data reconciliation processes for internal portfolio management application vs custodian data using SQL and VBA, enabling reduction of over £200,000 pa in external spend

NF Capital

Head of Fixed Income

Oct 2020 – May 2022

London, UK

- Collaborated with a team of 3 analysts to produce research reports in Rates, Credit and FX, influencing fixed income investment decisions presented to the investment committee

UCL Innovation Lab

Machine Learning Intern

Jun 2021 – Aug 2021

London, UK

- Developed machine learning-focused Python exercises applying ML concepts to interdisciplinary science use cases
- Presented work to 200+ professors and peers with explanations tailored to diverse technical backgrounds

Amplify Trading

Summer Intern

Aug 2020

London, UK

- Ranked 2nd out of 70+ interns with +23.4% annual return in equity portfolio management simulation
- Developed algorithmic trading strategy in Python using SMA combinations that outperformed S&P 500 buy-and-hold by 67% (Jun 2019 – Jun 2020)
- Achieved Distinction in Level 6 Diploma in Trading and Financial Market Analysis (LIBF)
- Placed 1st overall in cohort series of morning commercial awareness examinations

EDUCATION

University College London

BSc Natural Sciences (Physics, Mathematics & Statistics) – 2.1

Sep 2019 – Jun 2022

London, UK

Brighton, Hove & Sussex Sixth Form College

A-Levels: Mathematics (A*), Further Mathematics (A), Chemistry (A)

Sep 2017 – Jun 2019

Hove, UK

PROJECTS & ACTIVITIES**NutriPlan – Co-Founder & CTO**

2024 – Present

Building a nutrition planning app with AI-powered meal generation using FastAPI (Python) and SwiftUI (iOS)

Personal Tutor

2017 – Present

Achieved 100% A* success rate for A-Level and GCSE students in Mathematics, Further Mathematics, Physics, Chemistry and Biology

Action Medical Research – Hackathon Volunteer

Jul 2021

Developed technology solutions for charity events; increased attendee detail retention from 25% to 90% and helped raise £50,000 from 266 attendees

INTERESTS

Football (UCL 1st XI Captain, former semi-professional), Chess (Top 1% globally on Chess.com), Travelling (20+ countries), Mentoring