

# Jevan Cousins

jevan.cousins@gmail.com | linkedin.com/in/jevancousins | github.com/jevancousins

## PROFILE

ML practitioner with 4 years of experience deploying AI solutions at Allianz Global Investors. Built a RAG pipeline in Python for the Economics team to compare market outlook reports against competitors, automating analysis previously done manually by the Head of Economics. Identified 50+ use cases for agentic AI and directed AI training for 200+ senior professionals. Currently developing NutriPlan, an AI meal planning app using GPT-4o, RAG pipelines, and pgvector embeddings.

## SKILLS

**Languages:** Python, SQL, TensorFlow, Scikit-learn

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

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

**Tools:** Azure, Databricks, Git, Jupyter, FastAPI, PostgreSQL, Supabase, GitHub Actions

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

## EXPERIENCE

### Allianz Global Investors

*Solution Architect*

Aug 2022 – Present

London, UK

- Built a Power Platform guidance application with an AI chatbot (Copilot Studio) and developed 50+ Power Automate flows, saving €80,000 annually in external consulting fees by becoming the internal lead for citizen development support
- Evaluated AI vendor proposals worth £3M+ for AI agents and GenAI implementations, recommending a higher-value solution based on architecture quality and ROI analysis—recommendation accepted by senior leadership
- Directed AI training workstream for the AI in Operations initiative, hosting sessions with industry experts and consultants to upskill 200+ senior managers and operations professionals on AI strategy and applications
- Pioneered the adoption of generative and agentic AI in Operations by identifying 50+ use cases across different teams with implementation roadmaps
- Engineered custom performance attribution models, workflows and 20+ reports using Python, SQL and Power BI with data from MSCI BarraOne and Databricks, saving £25,000 per report and £15,000 annually in maintenance
- Led MSCI BarraOne implementation for all global Fixed Income teams, completing a project that failed twice over 7 years due to data quality and tailoring challenges
- Managed cross-functional delivery for 10+ investment teams (100+ professionals), coordinating a team of 9 analysts and external SMEs to migrate performance attribution to BarraOne

### Allianz Global Investors

*Investment Infrastructure Intern*

Jun 2022 – Aug 2022

London, UK

- Automated all 4 data reconciliation processes between State Street custodian (IBOR) and legacy portfolio management system using SQL and VBA, removing the need for 4 external contractors and saving £200,000+ annually

### NF Capital

*Head of Fixed Income*

Oct 2020 – May 2022

London, UK

- Led team of 3 analysts producing quantitative research reports in Rates, Credit and FX for investment committee

### UCL Innovation Lab

*Machine Learning Intern*

Jun 2021 – Aug 2021

London, UK

- Developed ML-focused Python exercises applying supervised learning (classification, regression) and unsupervised learning (clustering) to interdisciplinary science problems, now integrated into the Natural Sciences curriculum and used by 560+ students
- Presented research findings to 200+ professors and peers with explanations tailored to diverse technical backgrounds

### Amplify Trading

*Summer Intern*

Aug 2020

London, UK

- Built algorithmic trading strategy in Python using SMAs that outperformed S&P 500 buy-and-hold by 67%
- Ranked 2nd of 70+ interns with +23.4% annual return in equity portfolio management simulation

## EDUCATION

### University College London

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

Sep 2019 – Jun 2022

London, UK

Relevant coursework: Practical Machine Learning for Physicists, Linear Models & the Analysis of Variance

## PROJECTS & INTERESTS

**NutriPlan** – AI meal planning app: GPT-4o generation, RAG pipeline with pgvector embeddings, preference learning, UK-standard nutrition calculations (Python, FastAPI, SwiftUI)

**Lineup** – iOS concert tracking app with Python data pipeline aggregating 6 APIs, cross-source artist deduplication using MusicBrainz IDs (Swift, Supabase, PostgreSQL)

Football (UCL 1st XI Captain), Chess (Top 1% globally), Personal Tutor (100% A\* success rate)