

Contact

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Top Skills

OpenCV

PyTorch

TensorFlow

Certifications

The Complete SQL Bootcamp: Go from Zero to Hero

Investment Banking Virtual Reality Intern Experience

Fundamentals of FinTech

Insurance Essentials, 2nd ed

Introduction to Programming Using Python

Cameron Bell

AI/ML Engineer | Software Developer (AI Focus) | MSc Computer Science at IE University
United Kingdom

Summary

AI/ML Engineer | Software Developer (AI Focus)

I build intelligent systems that turn data into actionable insight. With a Master's in Computer Science & Business Technology from IE University, I combine machine learning, software engineering, and cloud architecture to create scalable, high-impact AI solutions.

My work includes:

- BHSI Risk Intelligence System - automated D&O renewals using LangChain, RAG, and FastAPI, aligning 80%+ with expert underwriter decisions
- Cloud migration & cost analysis platform - NLP + embeddings-based recommendation engine deployed with Supabase, Pinecone, and React
- MLOps pipelines and Deep Learning models - YOLOv8, CNNs, LSTMs, and CI/CD pipelines for automation and model reproducibility

I'm passionate about designing systems that bridge AI research and production engineering, delivering measurable results, reliability, and real-world value.

Open to opportunities in AI / ML Engineering, Data Science, or Software Development. Let's connect if you're building something innovative.

Experience

IE School of Science and Technology

10 months

Corporate Project – Risk Assessment Tool for D&O Policy Renewals for BHSI

April 2025 - July 2025 (4 months)

LangChain | RAG | FastAPI | React.js | GCP | BigQuery | Docker | GitHub Actions

- Built an LLM-powered financial risk assessment system automating D&O insurance renewals for BHSI Spain, integrating LangChain + RAG pipelines with semantic search (768-dim embeddings) to generate real-time, evidence-based risk summaries
- Developed a full-stack platform (FastAPI + React.js) for entity lookup, news/filing ingestion, and hybrid rule + LLM risk classification, achieving ~80% alignment with underwriter logic
- Deployed via GCP with CI/CD (GitHub Actions, Docker) and structured logging, delivering sub-second cached queries and scalable, fault-tolerant pipelines for enterprise use

Capstone Project – AI-Powered Cloud Migration & Cost Analysis Platform

January 2025 - March 2025 (3 months)

FastAPI | Supabase | Pinecone | LangChain | OpenAI | React + TypeScript | Docker | CI/CD

- Built an AI-driven cloud migration advisor for SMEs, integrating FastAPI microservices, Supabase backend, and Pinecone vector search to deliver intelligent, evidence-based migration strategies and cost forecasts
- Developed an NLP and embedding-based recommendation engine using LangChain + OpenAI embeddings, enabling semantic retrieval and context-aware recommendations for Rehost, Refactor, and Replatform decisions
- Architected asynchronous FastAPI services with Supabase data pipelines, Dockerized deployment, and CI/CD automation (GitHub Actions), improving deployment reliability and reducing manual migration planning time by 40%+

Datathon Participant – IE Sustainability Datathon 2024

October 2024 - December 2024 (3 months)

Worked in a cross-functional team to forecast UK energy market prices and volumes using real-world time-series data for EDP.

Built and compared time-series models (ARIMA, SARIMA, Prophet)

IE University

Tech Venture Bootcamp

September 2024 - October 2024 (2 months)

Co-founded FinPlan, a Generative AI-powered personal finance MVP that combined market sentiment with user spending insights to explore real-time trading and saving advice

United Utilities

Innovation Intern

August 2022 - September 2022 (2 months)

Warrington, England, United Kingdom

- Audited and restructured 27+ process maps and guides, driving a 44% improvement in process clarity and consistency
- Designed standardised templates that reduced duplication and improved cross-team collaboration

Hargreaves Lansdown

Financial Advisory Intern

June 2022 - July 2022 (2 months)

City Of Bristol, England, United Kingdom

Streamlined client review reporting (ISAs, SIPPs, funds, and share accounts), improved turnaround ~15%

AXA Health

Service Advisor

March 2021 - November 2021 (9 months)

City Of Bristol, England, United Kingdom

Resolved high-volume (100s) client queries & designed support workflows with a 95%+ resolution rate

Freedom Logistics (Amazon DSP)

Fulfillment Associate

October 2020 - February 2021 (5 months)

Optimized order processing workflow & maintained quality under tight deadlines

Bright Network

Student Ambassador & Technology/Finance internships

June 2020 - August 2020 (3 months)

Managed communication and liaison duties as a Student Ambassador, coordinating outreach campaigns, answering inquiries, and representing internship programs to prospective students

Completed three rotational internships in investment banking, finance and professional services, and technology, gaining cross-domain exposure in the financial sector's tech stack

Conducted project-based research, data analysis, and financial modeling; collaborated with domain specialists to deliver reports and insights under tight deadlines.

Bermuda Foundation for Insurance Studies

Bermuda & Early Experience (Foundational Roles)

June 2015 - August 2018 (3 years 3 months)

Bermuda

Gained early exposure to insurance, risk, and financial operations at Validus Reinsurance (shadowing underwriters, actuaries, claims) and BFIS (Bermuda Foundation for Insurance Studies) - fostering foundational domain awareness relevant to risk and data fields

Developed strong customer service, communication, and problem-solving skills in hospitality and education roles (Beach Attendant, BUEI Intern) - interacting with tourists, supporting outreach events, and managing public-facing operations under time constraints

Led public speaking and engagement efforts (guided tours, group presentations, marketing outreach), enhancing confidence and the ability to synthesize technical and non-technical content.

Education

IE School of Science and Technology

Master's degree, Computer Science and Business Technology · (September 2024 - July 2025)

University of Bristol

Bachelor's degree, Business Administration and Management, General · (2017 - 2020)

Ardingly College

International Baccalaureate · (2015 - 2017)

Warwick Academy

I/GCSE's - 4 A*s, 3 A's, 1 B, 1 C · (2013 - 2015)