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Work Experience

Data Scientist, Actelligent Capital

London, UK (Feb 2025 - Present)

- Built and owned the data pipelines behind the firm's research and client reporting: automated FactSet retrieval into AWS S3 covering up to 100,000 securities across 20 internal projects, refreshed up to 3x daily to catch each region's market close, and the layer computing around 50 financial metrics on top.
- Delivered the backend for a client-facing financial AI chatbot letting clients query those metrics in plain English, where most of the work was prompt design so answers came back readable rather than raw, plus a website translation and sentiment analysis pipeline.
- Built the report generator that replaced reports previously assembled by hand, and a daily fund position calculator producing in around 30 minutes figures the firm had previously seen only in a monthly third-party audit.
- Owned deployment, reliability and code quality across these applications in production.

Research Intern, NLP Lab, VISTEC

Rayong, Thailand (2024)

- Built the evaluation harness for multiple-choice benchmarks across four open-weight models including BERT and Llama 3, scoring accuracy, precision, recall and F1 with vLLM, run remotely on shared GPU clusters under SLURM.
- Fine-tuned multilingual models for sentiment analysis and caption generation.

Education

MEng Engineering Science, University of Oxford - 2:1 (Second Class, Division One)

Wadham College (2021 - 2025)

- Master's thesis: "Power System Optimisation using Linear Programming and Multi-Agent Reinforcement Learning with GPU Framework", supervised by Prof. Thomas Morstyn and Prof. Jakob Foerster. Trained MARL agents on GPU with JaxMARL, benchmarked against a linear-programming optimum.
- Relevant coursework: Machine Learning, Deep Learning, Machine Vision and Robotics, Information Engineering Systems, Engineering Computation, Software Engineering, Energy Systems.
- Collington Prize, Wadham College, for best performance in first-year examinations.
- College Scholarship, awarded in each of the four years of the degree for sustained examination performance.

Projects

LeWell, Health Habit App for iPhone and Android

London, UK (2026)

- Built and shipped a daily-habit health app to both the Apple and Google stores end to end: React and TypeScript with Capacitor, an Express and PostgreSQL backend, subscriptions and an automated release pipeline. Around 950 registered users, 93% of whom complete onboarding.
- Run a self-hosted inference server for exercise feedback (systemd, nginx, own deploy script and eval suite) instead of a paid API, keeping per-user model cost at zero.
- Built a PostHog and PostgreSQL analytics pipeline with cohort retention and churn reporting, to measure whether the product actually works.

Wedding Website, Seat Finder for a Private Client

London, UK (2026)

- Built a guest-facing site where a guest types their name and sees their table and seat on a plan of the venue, driven by a spreadsheet the client edits themselves, chosen because it was the tool they already knew.
- Deployed on Cloudflare Workers with a committed data snapshot as fallback, so the site keeps working if the live data source is unreachable. Delivered against a fixed, immovable event date.

Ley-Khaa, AI Task Automation Platform

London, UK (2026)

- Built a platform that turns noisy, multi-message conversations into validated, executable tasks, with human-controlled autonomy levels so a person stays in the loop on what gets run.
- Designed a synthesis-first pipeline with task memory, workflow caching, multimodal intake and concurrent queues, on Python/FastAPI, React and PostgreSQL with Docker Compose, CI and integration tests.

Extracurriculars

Vice President, Oxford Thai Society

Oxford, UK (2023 - 2024)

- Organised Thai Night 2024 and the Thai Oxbridge Games, with 200+ attendees.

Skills

- Programming: Python, Javascript/TypeScript, React, SQL, C++, Java, Shell
- Web and Infra: Full-stack, RESTful API, PostgreSQL, Prisma, Microservices, AWS, Azure, Docker, Git, CI/CD
- ML/AI: PyTorch, TensorFlow, LLM fine-tuning, NLP, Sentiment Analysis. Languages: Thai (native), English (fluent)