

Alexandre Bogdanov

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LINKS

Linkedin:// alexbogdanov
Github:// anarion-commits

EDUCATION

UNIVERSITY OF WARWICK MMATHPHYS IN MATHEMATICS AND PHYSICS

Grad. Jul. 2019 | Coventry, UK
First class honours

KING'S NORTON BOYS' SCHOOL

Grad. Jul. 2013 | Birmingham, UK
A*A*AB(A)

Mathematics, Further Mathematics
(self-studied), Biology, Physics,
Chemistry, (General Studies)

COURSES

Bayesian Statistics: From Concept to Data
Analysis (Coursera, University of
California, Santa Cruz)
Learn SQL (Codecademy)
SQL: Table Transformation (Codecademy)

SKILLS

PROGRAMMING

Very familiar: Python • Git/GitHub
Matlab

Familiar: C • Spark • SQL • HTML
CSS • \LaTeX

PLATFORMS

Google Cloud Platform • Domino

AWARDS

Tech Brilliancy prize - awarded in internal
LBG hackathon for co-developing a
foundational model-powered tool that
improves Jira ticket generation

Howard Stockley award - awarded by 6th
Form for the best academic results of the
year

Gold CREST award - obtained as part of
the Engineering Education Scheme

INTERESTS

Powerlifting • Bodybuilding • Reading •
Chess • Tennis

EXPERIENCE

LLOYDS BANKING GROUP SENIOR DATA & AI SCIENTIST

Mar 2025 - Apr 2025 | London, UK

- Technical lead for an ongoing content generation platform powered by Gemini and Imagen (Google's foundation models), supporting LBG's marketing teams in ad creation.
- Built the full pipeline and frontend, own the tech backlog, and present progress to senior stakeholders.
- Currently working on productionization within enterprise GCP, including CI/CD, Docker, Terraform, service accounts, and platform tuning.
- Mentor and reviewer across LBG's AI Rapid Innovation Squad (AIRIS), supporting the rapid prototyping of generative AI solutions and advising on architectural best practices, viewed by hundreds of internal practitioners.
- Regularly conduct model reviews, as part of Modelling Chapter, for colleagues to ensure alignment with best practices, including a recent insurance model for critical illness application triage.

LLOYDS BANKING GROUP SENIOR DATA SCIENTIST

Jan 2023 - Mar 2025 | London, UK

- Productionised and handled all regulatory & risk review interactions for a mortgages acquisition model that forecasts product-level application volumes, improving predictive accuracy by 50% (MAPE) over prior benchmarks.
- As part of internal Modelling Chapter, authored organization-wide guidelines for regression, clustering, time series, exploratory data analysis, and fairness, now used as a standard reference by teams across the bank.
- Tech lead on a research-heavy credit card vulnerability forecasting project, using Bayesian hierarchical models and Temporal Fusion Transformers (TFTs).
- Lead the internal Statistics Guild, promoting rigorous statistical thinking across the organization through monthly talks and a book club. Topics I've presented include Bayesian neural networks, RL, bootstrapping, and model observability.

KUBRICK GROUP (IN PARTNERSHIP WITH LLOYDS BANKING GROUP) | DATA SCIENTIST

Sep 2020 - Jan 2023 | London, UK

- Developed a personal loans pricing model, now used across all personal loan applications at LBG. As data scientist, I extended the core methodology to new brands, built robust backtesting frameworks, and handled all regulatory and risk review interactions.
- Leveraged knowledge of Agile Framework to deliver fortnightly value-driving updates to stakeholders on progress in model experimentation.

MERKLE | FINANCE EXECUTIVE

Sep. 2019 - Sep. 2020 | London, UK

- Automated parts of the invoicing process through Python, resulting in time efficiency savings of ~30%.
- Provided key support with the management of the yearly statutory audit.

UNIVERSITY OF WARWICK | MASTERS' RESEARCH

Sep. 2018 - Jul. 2019 | Coventry, UK

- Analysed and extracted stellar activity & age in K- and M-dwarfs using autocorrelation and rotational modelling.
- Produced research aligning with modern dynamo theory; automated signal verification pipeline in Python.