FUAD SALIMZADE

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WORK EXPERIENCE

Legal & General　　　　　　　　　　　　　　　　　　　　　　London, United Kingdom
Multinational investment management company with £1.3 trillion assets under management

Data Scientist – Generative AI　　　　　　　　　　　　　　　　　　Oct 2023 – Present

- Build and develop Generative AI solutions specifically RAG-based and Agent-based chatbots and document summarisation tools for finance and insurance divisions. Experience in utilising open-source tools such as Langchain, LlamaIndex and Azure cloud services.
- Delivered 4 MVPs and 1 production-grade internal GenAI tools for multiple business divisions.
- Hands-on experience in deploying LLMs and implementing state-of-the-art scientific retrieval and prompt engineering techniques.
- Build evaluation frameworks and implement guardrails, resulting in a significant enhancement of chatbot accuracy.

Summer Data Science Researcher　　　　　　　　　　　　　　　　Jun 2023 – Sep 2023

- Designed an analytical framework to guide data scientists to choose and experiment with unsupervised topic modelling algorithms.
- Developed textual data pre-processing and modelling pipelines and tested various embedding models to analyse textual information for various tasks using open-source packages and Azure ML Studio.

SAS Institute　　　　　　　　　　　　　　　　　　　　　　　　Ankara, Turkey
Global data & AI solutions provider firm with $3.1 billion revenue in 2022

Associate Pre-sales Engineer in Customer Advisory team　　　　　April 2021 – Sep 2022

- Served as a technical expert within MVP and proof of value (PoV) execution team to demonstrate how SAS solutions can solve data problems and reach customer needs.
- Presented business value to non-technical senior managers and directors at customer sites or virtually.
- **IMPACT:** Delivered **3** successful customized product demonstrations and accomplished milestones, all of which have become **successful sales** in 2021 and 2022.

TECHNICAL AND SOFT SKILLS

- Programming: Proficiency in Python, SQL, API server management (Flask and FastAPI), and unit testing
- Tools & Engineering: Azure services, GIT, CI/CD, and MLflow
- Languages: English (fluent), Turkish (fluent), Azerbaijani (native), Russian (conversational)

EDUCATION

London School Of Economics and Political Science (LSE)　　　London, United Kingdom
MSc Operations Research & Analytics (Department of Mathematics)　　　　2022 – 2023

- Selected Coursework: Mathematical Optimisation, Deep Learning, Advanced Modelling and Simulations
- Awarded Full Tuition scholarship and monthly stipend. Scored 165 (Quant) on GRE (95th percentile)
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Bilkent University　　　　　　　　　　　　　　　　　　　　　Ankara, Turkey
BSc Management　　　　　　　　　　　　　　　　　　　　　　2017– 2021

- Graduated amongst the top 10% of the 2017 cohort, achieved 90/100. Scored 760 (Math) on SAT (99th)
- Awarded Full Tuition and Dormitory Scholarship for high achievement in the entrance exam.
- Selected Coursework: Corporate Finance, Business Strategy, Venture Capital, and Financial Accounting

Minor Degree in Software Development　　　　　　　　　　　　　2018 - 2021

- Selected Coursework: Object-oriented Java programming and Mobile Application Development

Copenhagen Business School　　　　　　　　　　　　　　　Copenhagen, Denmark
Erasmus+ Exchange Program　　　　　　　　　　　　　　　　2020– 2020

- Selected Coursework: Business Data Analytics, Collective Intelligence and Global Risk Management

RESEARCH & ACTIVITIES

Stock Price Prediction using Generative Adversarial Networks (GAN)　　　　Apr 2023

This paper considers the effect of financial news on the short-term forecasting of stocks in consideration.
Utilised skills: TensorFlow, Python and Deep Learning Architectures

Optiver 2023 Options Coding Challenge　　　　　　　　　January 2023 – March 2023

Worked in teams to develop trading algorithms in Python, testing and then optimising the algorithm's performance to achieve the best possible Profit & Loss.

References are available upon request.