Abdulmohsen Abanmy

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GitHub/AbdulmohsenA LinkedIn Website

Education

King Fahd University for Petroleum and Minerals   Dhahran, Saudi Arabia
Bachelor of Science in Software Engineering   2019 – 2024
- Concentration in Artificial Intelligence and Machine Learning
- GPA: **3.58 / 4.0** with **2nd Class Honors**

Experience

Lean Business Services   Riyadh, Saudi Arabia
Integration Developer   2024 – Present
- Worked on integrating Apache Kafka to be used as a data broker between services.
- Contributed to optimizing a Gateway to govern and manage requests.
- Working on **Heem** API Marketplace to integrate monetization, analytics, and other services into one system.

Hudhud Systems   Riyadh, Saudi Arabia
Machine Learning Intern   Jun 2023 – Sep 2023
- Contributed to the development of a chatbot for **Najiz**'s customer service.
- Implemented AI for Arabic text classification, achieving 75% accuracy in identifying customer inquiries.
- Designed a website to streamline the labeling and storage of machine learning training data.

Certifications

- IBM's Data Science Professional Certification
- NVIDIA's Computer Vision Certification
- IELTS Score: **8 / 9**

Competitions

ROSHN Hackathon
- Initiated and actively developing a **Geospatial Intelligence Platform** that integrates geospatial demographic data from various sources, delivering advanced analysis and actionable insights in any area.

ALLaM Challenge
- Led a 4-Member team to design and develop **Baleegh**; a Machine Translation Model fine-tuned from NLLB using low rank adaptations to translate to fluent classical Arabic Language.

Skills

- **Programming**: Python, Java, JavaScript, SQL
- **Development**: Docker, K8s, AWS, CI/CD, Git
- **AI**: MLOps, PyTorch, Transformers, NLP, LLMs
- **Data Science**: Pandas, Tableau, Apache Kafka
- **ML Tuning:** SHAP, Knowledge Distillation, PEFT
- Research and Learning
- Innovation and Creativity
- Teamwork and Communication

Languages

- Arabic
- English