Yara Hassan Alshehri, CDMP

AI Specialist

Jeddah, Saudi Arabia

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SUMMARY

Enthusiastic AI Engineer with strong interests in Machine Learning, Deep Learning, NLP, and Large Language Models. Experienced in developing real-world AI solutions across government, healthcare, and industry domains, with a focus on intelligent systems, compliance automation, and data-driven decision support.

EDUCATION

Bachelor's in Artificial Intelligence (with Honors)

College of Computer Science and Engineering

University of Jeddah | Graduation: June 2025

EXPERIENCE

- **Artificial Intelligence Trainee (GDP Program)**
  National Center for Meteorology – Saudi Arabia
  Jul 2025 – January 2026
  - Developed the **Local Content Advisor** using ALLaM (Humain) and Retrieval-Augmented Generation (RAG).
  - Implemented regulatory-grounded semantic retrieval and context-aware question answering.
  - Built the web interface and local content calculation logic.
- **Artificial Intelligence Engineer Intern**
  King Fahad Armed Forces Hospital – Jeddah, Saudi Arabia
  Apr 2025 – Jun 2025
  - Developed an internal AI-powered chatbot to support guesting and housing operations.
  - Automated booking data retrieval and reporting workflows.
  - Applied AI solutions within healthcare operational systems using SharePoint.
- **Artificial Intelligence Coop Trainee**
  Saudi Airlines – Jeddah, Saudi Arabia
  Jan 2025 – Feb 2025
  - Researched emerging AI technologies and practical aviation use cases.
  - Explored Azure AI services and system integration architectures.
  - Analyzed SAUDIA's chatbot and proposed UX and interaction improvements.

CERTIFICATIONS & COURSES

- Certified Data Management Professional (CDMP – Associate)
- INE/SDA Jr Data Scientist – INE, Saudi Digital Academy (SDA)
- Large Language Model (LLM) Practitioner – SDAIA
- Python for Data Science, AI & Development – IBM
- Ask Questions to Make Data-Driven Decisions – Google
- Introduction to Artificial Intelligence – KAUST Academy
- Supervised Machine Learning: Regression and Classification – DeepLearning.AI

PROJECTS

- **Color Harmony – Graduation Project**
  Developed an AI-based system for personalized color analysis using facial and wrist images based on the 12-seasonal color.
  Applied Machine Learning and Deep Learning techniques for image segmentation and color clustering to identify seasonal tones.
  Generated personalized makeup recommendations; project officially registered under intellectual property rights.
- **AI-Based LCGPA Compliance Assistant**
  Developed an AI-powered assistant to interpret Saudi local content and procurement regulations using Arabic-focused LLMs.
  Implemented a Retrieval-Augmented Generation (RAG) pipeline for semantic document retrieval and context-aware question answering.
  Integrated official LCGPA calculation formulas to evaluate local content compliance and support regulatory decision-making.
- **Healthcare Operations Chatbot**
  Designed and developed an internal AI-powered chatbot for hospital guesting and housing operations.
  Automated retrieval of booking records and guest information to reduce manual reporting effort.

SKILLS

- Artificial Intelligence: Machine Learning, Deep Learning, NLP, LLMs, Computer Vision, Recommendation Systems
- Data Analysis: Data Visualization, Feature Engineering, Statistical Analysis
- Programming: Python, C/C++, Java, SQL, HTML, CSS
- Tools & Platforms: TensorFlow, Keras, Scikit-learn, Pandas, NumPy,

LANGUAGES

Arabic   English