

Yara Hassan Alshehri, CDMP

📍 Saudi Arabia ☎ +966 56 166 7293 📩 yara55hassan@gmail.com 💬 linkedin.com/in/yara-alshehri-663096265

SUMMARY

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 document retrieval and context-aware question answering.

Integrated official LCGPA calculation formulas to evaluate local content compliance and support 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.

Tech Proposal – InspiraCore

Developed an AI-based solution to automate the preparation of official government technical proposals.

The system generates structured documents based on project requirements and special conditions.

The solution improves efficiency, consistency, and documentation quality.

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, Docker, Microsoft Azure

LANGUAGES

Arabic

English