

Raghad Alqmani

Computer Scientist, Software Engineering, AI Engineering

CONTACTS

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ABOUT ME

Motivated and detail-oriented Computer Science student with strong technical expertise in programming, deep learning, and data analysis. Passionate about Software Engineering and AI Engineering, with a focus on designing, developing, and optimizing software solutions to address complex real-world challenges. Experienced in building innovative projects in web development, AI-driven applications, and data visualization.

Highly adaptable and collaborative, with excellent problem-solving, critical thinking, and organizational skills. Strong communicator with the ability to explain technical concepts to diverse audiences. Committed to continuous learning and leveraging cutting-edge technology to deliver impactful and efficient solutions.

EDUCATION

Umm Al-Qura University

Bachelor of Computer Science (Current Student)

Makkah, Saudi Arabia

Expected Graduation: June 2026, GPA: / 4.00

TECHNICAL SKILLS

Programming Languages: Java OOP, Python, JavaScript, MySQL, NoSql

Frameworks & Tools: Frameworks and Tools: JavaFX, Hibernate (ORM)

Web & design tools : HTML, CSS, Figma

AI & Data Science Tools: Pandas, NumPy, Scikit-learn, TensorFlow, seaborn, matplotlib, web scraping

Deep Learning Techniques: Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Natural Language Processing (NLP)

Other Skills : Fast typing, Problem-solving, Data Analysis and visualization with python, Git, GitHub, Latex

PROJECTS

Planetary Journey: interstellar adventure

oct 2024 - oct 2024

user-friendly interface

Figma

- Designed a user-friendly interface for NASA's Chronicles of Exoplanet Exploration challenge, aimed at simplifying the exploration of exoplanet data.
- Used Figma to create a responsive and interactive layout, presenting space data clearly and accessibly.

Book Inventory System

Jan 2024 – Feb 2024

Software System

Software Documentation, Systems Modeling

- The system is about collecting outdated or Damaged books from sub university and sending it through the system to The main branch of the university

Crime Analysis Project

Dec 2024 – Dec 2024

Data Analysis

Python, Data Analysis and visualization

- This project involves analyzing crime data to uncover patterns, trends, and insights using Python and Jupyter Notebook.

Blood Donation Management System

Aug 2023 – Dec 2023

design a DataBase

MySQL , ERD , shema ,Databases

- Developed a comprehensive system to manage blood donation processes, patient care, and blood bank operations.
- Designed and implemented efficient data storage for managing relationships among patients, donors, and blood banks, ensuring timely blood availability.

EXPERIENCE

- Participant in NASA Hackathon 2024 and Developed a Figma UX/UI design for a project