Lama Suliman Al-Zakri Computer Scientist

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OBJECTIVE

An innovative computer science nearing completion of a Bachelor's degree in Computer Science at King Saud University, with a strong background in artificial intelligence, data analysis, database management, softwear development and user experience design. Skilled in Python , SQL and deep learning. My passion lies in exploring the extensive possibilities of data and driving impactful, data-driven solutions. I am particularly interested in the domains of Data Science, Machine Learning, and Deep Learning.

EDUCATION

Bachelor of Computer Science   Sep 2019 - Mar 2025
King Saud University

PROJECTS

SAA'R سائر | Graduation Project   Dec 2024
Saa'r is a deep Learning Approach for Automated Road Damage Detection leverages YOLOv5 and YOLOv8 models with Weighted Boxes Fusion to enhance road damage detection accuracy, tailored for Saudi Arabian road conditions.

Hather حاذر | SDAIA T5 Bootcamp   Jun 2024
Hather is an AI-powered solution utilizing CNN, RNN, and YOLOv8 models to detect fights in real-time at large stadiums, enhancing safety and response times

NASHET نشيط | System Analysis & Design Course   Nov 2023
Nashet is a mobile application designed to connect businesses with freelancers, providing a streamlined, user-friendly interface for matching projects with the right talent and offering fresh graduates real-world experience opportunities

N-Queens Problem Solver | Artificial Intelligence Course   May 2023
This project addresses the N-Queens problem by implementing BFS, DFS, Greedy, and A* algorithms to optimally position N queens on an NxN chessboard without conflicts, demonstrating efficient search strategies in combinatorial optimization.

House Price Prediction Model | KAUST Academy , Ai Week Course   Mar 2023
The House Price Prediction Model leverages machine learning to estimate real estate prices accurately, using Python libraries like NumPy, Pandas, and XGBoost for data analysis and model training

Hotel Management System | Fundamentals Of Database System Course   Nov 2022
Hotel Management System aims to create a database for managing guest registrations, room bookings, and billing processes.The system was developed using MySQL and Java.

VOLUNTEERING EXPERIENCE

Leader of Public Relations Committee | Student Partnership Program(SPP)   Oct 2024 -Present

Leader of Design Committee | Oswah Community   Jul 2023 - Jul 2024

Leader of Visual Identity Committee | Digital Minds Club   Aug 2021 - Jun 2022

VP of Programming Initiative | Student Partnership Program(SPP)   Aug 2020 - Jan 2021

ACTIVITIES

Participate in Datathon   Oct 2024
organized by Dal and Ministry of Municipalities and Housing

CERTIFICATES

SDAIA T5 Data Science Bootcamp SDAIA   Jun 2024
Introduction to Artificial Inteligence Course KAUST Academy   Mar 2023

SKILLS

Technical skills - Java,Python, C, SQL

Leadership - Demonstrated ability to guide and inspire peers towards objectives

Communication - Proficient in conveying information | effectively and confidently

Software Development skills - Requirement analysis, Software design, Software Implementation

LANGUAGES

English- Fluent   **Arabic-** Native