

KHOLOUD OWAIS

Computer Specialist

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Makkah, Saudi Arabia

OBJECTIVE

I am a proficient analyst and data scientist with a background in software engineering, I analyze large amounts of raw information by applying knowledge of statistics and programming to make decisions and come up with solutions capable to find patterns that will help improve business insights.

WEBSITES & SOCIAL LINKS

LinkedIn:

www.linkedin.com/in/kholoud-owais

GitHub:

<https://github.com/KholoudOwais>

Kaggle:

<https://www.kaggle.com/kholoudowais>

SKILLS

• Technical Skills

1. Microsoft office programs.
2. Data statistics, analyzing and modeling (Python).
3. Manipulate data (MySQL, OracleSQL).
4. Programming (C# .NET, Java, HTML5, JavaScript, CSS3, PHP).
5. Design (Figma, Adobe illustrator)
6. Testing & Maintenance.

• Business Skills

1. Leadership
2. Decision maker
3. Problem solving
4. Teamwork
5. Multitasker
6. Managing and organizing time and tasks
7. Achievement, commitment, and discipline.
8. Sense of responsibility

EXPERIENCE

COMPUTER SPECIALIST

Maternity & Children Hospital (Systems and Applications in Digital Health Department) | 05 Aug. 2021 – Until now

Tasks worked on:

1. Solve & Track medical system's problems.
2. Manage & follow-up the activation of paperless projects.
3. Train users on the medical system.
4. Create "How to" Tutorials and documentations.
5. Decision making and proposing solutions for systems development and improvement.
6. Create statistics for the indicators of the medical system.

FULL STACK ENGINEER- ON -THE -JOB TRAINING

Smart Methods | 6 Jun. 2021 – 15 Aug. 2021

A 320-hour, worked in 4 tracks which are Artificial Intelligent, Internet of Things, Electronics, Mechanics, Tasks worked on:

1. Install & launch arm package on ROS system.
2. Simultaneous, localization and mapping by using Turtlebot3 and another ROS robot with SLAM approach to create and save a map.
3. Use OpenCV to make a real time face detection.
4. Design interface & database and link them together by PHP to control the robot arm and base.
5. Robot arm parts installation and Design new End effector by using Tinkercad.
6. Design and program electronic circuit to control 5 micro servo motors and control 2 motors by using H-bridge L298.

DATA SCIENTIST - PARTICIPANT/INTERN

General Assembly Misk Academy | Nov./Dec. 2020 - Apr. 2021

A 480-hour, Project-Based internship by the Ministry of Communication & Information Technology, Tasks worked on:

1. Collect, extract, query, clean, and aggregate data for analysis.
2. Perform visual and statistical analysis on data using UNIX, Git, SQL, Python, and its associated libraries and tools.
3. Build and implement appropriate Machine Learning models and algorithms to evaluate data science problems spanning finance, public policy, and more.
4. Craft and share compelling narratives through data visualization.
5. Compile clear stakeholder reports to communicate the nuances of your analyses.
6. Identify big data problems and articulate how distributed systems and parallel computing technologies solve these challenges.
7. Apply question, modelling, and validation problem-solving processes to data sets from various industries to provide insight into real-world problems and solutions.

QUALIFICATIONS

CERTIFIED FULL STACK ENGINEER

SMART METHODS | MAKKAH | AUG 2021

LANGUAGES

- Arabic
- English

CERTIFIED DATA SCIENTIST

GENERAL ASSEMBLY MISK ACADEMY | RIYADH |
FEB 2021

BSC. IN COMPUTER SCIENCE

With first-class honors and a GPA of 3.94 / 4

UMM AL-QURA UNIVERSITY | MAKKAH | MAY 2020.

PROJECTS AND ACHIEVEMENTS

MATERNITY & CHILDREN HOSPITAL PROJECTS

1. Queue Management System | FEB 2022

1. Develop a queuing system, that maximize the efficiency of service to the patients and reduce the time spent in lines and queues, by creating a centralized and dynamic queue.
2. Generate statistical reports.

DSI MISK ACADEMY PROJECTS

2. DSI capstone | FEB 2021

Develop a classification model to classify the news which can help in organizing, understanding, and summarizing large collections of textual information.

3. Online pharmacy dataset project | JAN 2021

Collect and create a dataset of body care products, that revolving around the products information, rating and the reviews written by customers. It is containing 22 supportive features offer a great environment to use it in sentiment analysis or Recommender system.

4. Traffic Accidents dataset project | JAN 2021

Clean and analyze traffic accidents and driving licenses datasets in Saudi Arabia and come up with solutions by making decisions to minimize this issue.

GRADUATION PROJECT | JAN 2019 - MAY 2020

Leading a team of 4 students in building a chatbot model to help beginners to learn the basics of programming.

SOFTWARE ENGINEERING COURSE PROJECT | JAN 2018

Leading a team of 4 students in building a website aimed at helping the Graduation Projects Committee organize their work.

COURSES

- Architectural Information, (9 hours), Institute of Public Administration, 2024.
- Big Data, (9 hours), Institute of Public Administration, 2024
- User Experience Design, (7 hours), FOODICS, Misk Foundation, 2023.
- Fundamentals of design thinking methodology, (15 hours), Tuwaiq Academy, 2023.
- JavaScript Essentials, (20 hours), Cisco Networking Academy in collaboration with OpenEDG JavaScript Institute, 2023.
- Innovation in artificial intelligence in healthcare, (two hours), Umm Al-Qura University, 2022.
- Computer Network (12 hours), Learning Space Company, MCIT, 2022.
- ITIL-4 Foundation (12 hours), Learning Space Company, MCIT, 2022.