

# Essa Abu al-Khair

## Data Scientist

An ambitious junior data scientist with the desire to apply experience in building models that fit the problem best. With the will to learn and improve current skills in team - leading, problem solving, research and communication



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## EDUCATION

### Data Science Course

Data science certificate from Coding Academy By Orange , January 2023.

### BSc in Computer science

Yarmouk University

09/2018 - 02/2022

## COURSES

### Data science Practical Course

Coding Academy By Orange

*Achievements/Tasks*

- First, we learned how to analyze the data and find the cause of the problems that hinder us from achieving the desired goals. In the second stage we have built a model and trained on it using the numpy, pandas, sklearn and matplotlib libraries, and then get the results and find solutions

### Full stack python developer

Luminus Technical University College (LTUC)

*Achievements/Tasks*

- In the first stage, i had learnt the basics of the Python language, and i got to know some of its libraries and their uses. In the second stage, we learned about Django and how to use it, and in the third stage, we learned about React and how to link front-end with back-end.

## PERSONAL PROJECTS

### Graduation project(weapon detection)

An automatic weapon detection system can provide the early detection of potentially violent situations that is of paramount importance for citizens security. One way to prevent these situations is by detecting the presence of dangerous objects such as handguns and knives in surveillance videos. Deep Learning techniques based on Convolutional Neural Networks can be trained to detect this type of object.

### LTUC(Crafts)

Crafts: This project is E-commere online shop for crafts named craft. The craftsmen can present their products in the website and the users can purchase this products.

## PERSONAL SKILLS

Decision making

Adaptability

Time management

Team Work

Handling Pressure

Critical Thinking

## TECHNICAL SKILLS

Data analysis and visualization using python utilizing libraries including NumPy , pandas , and matplotlib .

Cleaning and data preprocessing using python libraries such as pandas and NumPy and other tools such as MS Excel.

Good proficiency in a programming language(s) ( Python(Framework Django), JavaScript , React.Js ).

Good understanding of Front-End Technologies( Html, Css, JavaScript, React.

Object Oriented Design methodologies

Medium concept of Data Structure and Algorithm

Basic understanding Database programming (SQL)

## WORK EXPERIENCE

### Data science Practical Course(Coding Academy By Orange)

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### Full stack python developer(Luminus Technical University College)

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## LANGUAGES

- Arabic

-English