

Shaimaa AlRajeh
AI Engineer

📞 0988493844

✉️ shaimaa.alrajeh@gmail.com

🌐 <https://www.linkedin.com/in/shaimaa-alrajeh-762a05213>

👤 female

📅 10/9/2000

📍 Damascus



profile

Artificial intelligence engineer.

I have done many projects in various fields within the AI within my university life.

I am very inclined to mathematics and to delve deeper into algorithms themselves.

Good scientific reader, compatible with work pressure, team worker



Education

BACHELOR'S DEGREE IN INFORMATICS ENGINEERING

2018 - 2023

Damascus University

Department of Artificial Intelligence



Projects

OPEN PROBLEMS - MULTIMODAL SINGLE-CELL INTEGRATION

12/12/2023 - present

scientific reseach

predict how DNA, RNA, and protein measurements co-vary in single cells as bone marrow stem cells develop into more mature blood cells

NN | ML

DOCTOR SHANK

1/2023 - 8/2023

A project prepared to obtain a bachelor's degree in informatics engineering

This project is directed to the newly graduated doctor and is based on three main sections: clinical questions, mental status, and gait analysis The results of these sections can direct the doctor to the patient's satisfactory conditione detail

Computer Vision | ML | NLP

TAXI CHALLENGE

1/6/2023 - 15/6/2023

Trend analysis of taxi trips in New York City

Conducting an analysis of daily taxi trips in New York City using a large set of records. The analysis identifies patterns and trends in the data and makes predictions about demand, the number of taxis, and future revenue based on these historical patterns.

Time Series | Dask

FUZZY EXPERT SYSTEM FOR CLASSIFYING THE SEVERITY OF A PATIENT'S HEART DISEASE

6/6/2023 - 15/6/2023

A Fuzzy Expert System for classifying the severity of a patient's heart disease based on their symptoms, age, and medical history

scikit-fuzzy

ECG HEARTBEAT CATEGORIZATION

30/12/2022 - 15/1/2023

It classifies five different types of arrhythmias, four of which are pathological and one is normal

Neural Network

ARABIC NEWS SUMMARIZATION

30/12/2022 - 15/1/2023

A system that summarizes articles and news texts to the most important points and headlines contained therein

NLP

PHOTO EDITOR USING HAND GESTURES

26/11/2022 - 10/1/2023

It is a desktop application that uses hand gestures to edit images, so that we can zoom in, zoom out, rotate, drag the image. The application also contains the possibility of drawing using the brush tool.

Computer Vision

INTELLIGENT DRIVER ALERT SYSTEM WHEN DROWSY

1/8/2022 - 15/8/2022

The system detects the driver's sleep or straying in order to avoid the occurrence of traffic accidents. This is done through several indicators such as yawning, head turning, or closing the eyes. When the driver is sleeping or straying, the system issues an alert to wake the driver.

Computer Vision

THE LAST SURVIVOR

1/6/2021 - 15/8/2021

Online interactive game, containing voice and chat interaction.

Unity

A CONTESTANT IN THE UNIVERSITY PROGRAMMING COMPETITION

2020 - 2021

Contestant for two consecutive years in the ACM

C++



Activities

UNILINKE

2022 - NOW

volunteer

Carrying out activities for young people and adolescents within the field of informatics to introduce them.



Skills

Language

Arabic , English

Technical

c++ | python | java | html | css | django | oop | problem solving