Huda Kouli

Junior AI Engineer

About Me

Work ethic, Self motivate, skilled in python programming language and AI, Seeking for designing and developing AI algorithm as an AI engineer, Built my knowledge at programming and AI by participating in AI project at Tradinos company.

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github.com/HudaKouli

Education

Damascus University
Bachelor's degree at computer And Automation Engineering
2015-2020

PERSONAL PROJECTS

- Extracting and Visualizing Stock Data. (9/2021)

  Extracting Stock Data Using Webscraping, BeautifulSoup library And plotting stock graph for the results. you can find the full project in my Github account.

- Wall Climbing robot

  Building robot using arduino controller, using Processing program to draw the path of the Robot , adding YOLO (A computer vision algorithm) to detect and identify objects, as the robot is moving.

Experience

1-AI Engineer
TRADINOS company
23/09/2023-23/04/2024

- Working on chatbot based on different LLM models.
- Prompt engineering techniques.
- Data collecting, labelling, cleaning.
- Questions classification task.
- finetuning embedding models.
- Evaluation for the system using different evaluation metrics.
- Unit test for chunking, language detection, embedding.
- documenting results using excel.
- Reading papers and documenting it from different resources.

2- R&D engineer
Coademy company
25/07/2023-25/01/2024

- Searching for proper resources to achieve curriculum requirments.
- Writing curriculum content and delivering it using Canva.
- list of projects: Data visualization using Pandas Library, machine learning using pictoblox,Storytelling milestone using scratchjr and storyjumper,

3- R&D intern
TRADINOS company
03/01/2023 - 01/06/2023

- Part of R&D team to do study, analyze, document, find solutions in different technical and business domains.
- Emotion recognition project using affectnet dataset and pytorch library on google colab and AWS.
- Encryption using python.
- Improving open-source virtual printer driver using .NET.
- Searching for competitors for different products.
- Searching for robotics.
- Record all results in proper documentation (notion/drive/trello)

4- Data Science intern
The Sparks Foundation
11/2022

- Prediction using Linear Regression (Sk-Learn Library)
- Prediction using K-Mean Clusters (Sk-Learn Library)
- Prediction using Decision Tree (Sk-Learn Library)

5- IT teacher
Bunatalajial schools
9-2020 / 7-2021

- teaching both theoretical and practical IT from grade five to grade eleven.

Certificates

- Software development methodologies
  15/03/2024 from Tradinos
- Presentation Skills (using Power Point)
  20/5/2023 from Tradinos
- Facial expression recognition using Keras.
  22/3/2023 from Coursera

- Neural Networks and Deep Learning
  ,Improving Deep Neural Networks
  ,Structured Machine Learning Projects

-The first three courses in Deep Learning
  specialization on Coursera Site.
  Containing fundamentals in deep
  learning ,Hyperparameter Tuning,
  Regularization and Optimization,
  techniques to structure ML project
  8/2022-10/2022 from Coursera

- Machine learning Algorithms
  (Theoretically and using Sk-Learn Library)

  -Data Preprocessing-Regression-SVM-
  Decision Trees-Random forests-kmaens-
  KNN-Niave base-Hierarcal Clustring-
  PCA-LDA/QDA
  3/2022

- Python for Data Science and AI Development
  8/2021 from IBM/Coursera

- Python Course.
  5/2021 from Kaggle

- What Is Data Science ,Tools for Data
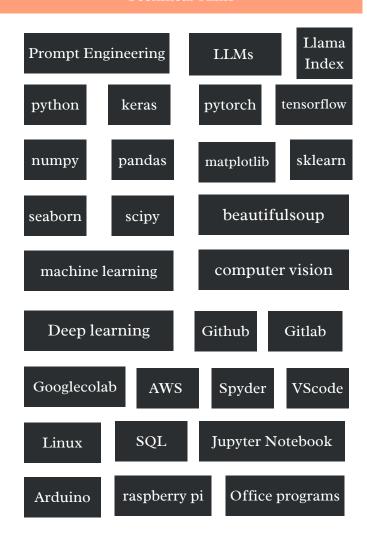 science ,Data science Methodology (three
  courses)
  4/2021-5/2021 from IBM/Coursera

- Interfacing With The Arduino,Raspberry pi
  Platform (Two Courses)
  6/2020 from Kaggle

- Introduction To AI And Deep Learning
  11/2019 from Irvine university/Coursera

- Introduction To Computer Programming
  ,How computers Work (Two Courses)
  9/2019 from Coursera

- Controlling Using Arduino
  3/2018 from Damascus University

- ICDL

Technical Skills

- Prompt Engineering
- LLMs
- Llama Index
- python
- keras
- pytorch
- tensorflow
- numpy
- pandas
- matplotlib
- sklearn
- seaborn
- scipy
- beautifulsoup
- machine learning
- computer vision
- Deep learning
- Github
- Gitlab
- Googlecolab
- AWS
- Spyder
- VScode
- Linux
- SQL
- Jupyter Notebook
- Arduino
- raspberry pi
- Office programs

EXPERTISE

- Active listening
- Creativity
- Critical Thinking
- Time management

Language

- English (4/5)
- Arabic (basic)