

Nour shosharah

Artificial intelligence Engineer

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Professional Experience

07/2023 – present
Damascus, Syria

Artificial intelligence specialist R&D, Syriatel Telecom Company

- Designed and deployed NLP pipelines for text summarization and email information extraction, reducing manual processing efforts by 88%.
- Developed a Smart Traffic Analysis System that begins with data collection via web scraping, followed by tracking vehicle movements and detecting area visits using GPS data and spatial algorithms resulting in reduced fuel consumption
- AI-Powered Candidate Recommendation System for HR Using LLMs and CV parsing Analysis
- Automated LinkedIn Scraper for Identifying Job-Fit Candidates Based on Role-Specific Criteria
- Developed data analysis dashboards across multiple domains including HR, fuel management, fleet operations, recruitment, and Outlook data, enabling real-time insights and informed decision-making.

01/2023 – present
Remotely

Researcher and Content Writer | AI in Arabic, freelance

- Bridge the gap between scientific research and researchers.
- My role involves conducting in-depth research to understand the latest developments and innovations in AI, translating this knowledge into engaging, high-quality content.

01/2022 – 03/2023
Jordan (Remotely)

Natural language processing Trainer | Share AI (Shai Company), freelance

- Conducted training sessions and courses focusing on foundational and advanced aspects of Natural Language Processing (NLP).
- Topics included introductory NLP concepts, covering Tokenization, Stemming, Lemmatizing, POS Tagging, Matchers, Named Entity Recognition (NER), as well as advanced techniques like Word2Vec, TF-IDF, BOW, and practical case studies in NLP.

07/2020 – 08/2021
Damascus ,Syria

Artificial Intelligence Engineer | Omniya Comany, full time

- Designing and developing of Machine Learning Solutions tailored for real-time processing environments.
- Creating a diverse range of ML models encompassing Sentiment Analysis, Text Category Detection, Terrorist Detection, Emotion Detection, and Names Gender Detection models. Utilizing predominantly FastText, CRF, and SVM techniques within Python.
- Crafting and upholding backend services utilizing Django, ensuring the seamless functioning of systems and applications.

Education

01/2024 – present
Damascus, Syria

Master's Degree in Computer Science, Syrian Private University

10/2014 – 09/2019
Damascus, Syria

Bachelor's Degree in Computer Engineering, Damascus University

Skills

Python Programming Language

Machine Learning

Supervised , Unsupervised , model evaluation, transfer learning | scikit-learn

Data visualization

seaborn , matplotlib , Power Bi

Natural Language Processing

Sentiment Analysis ,Text classification, named entity recognition, summarization, transformer models| Nltk , Regex , spacy , Gensim , Fasttext , LLMs , Hugging face

Computer Vision

Image Preprocessing ,Object detection , RCNN , Yolo |Open cv

Mathematics skills

Statistics , Linear Algebra , Calculus

Deep Learning

ANN ,CNN , RNN ,LSTM |Transfer learning Keras , Tensorflow

Data analysis | Data preprocessing

Pandas , numpy , sql , Nosql , Power Bi , Excel

APIS

Django , Flask , streamlit

Scraping

Selenium , BeautifulSoup

Certificates

Data science Diploma

Machinfy Academy

IBM Data Science Specialization

IBM Coursera

Machine Learning

Stanford University | Coursera

Artificial intelligence Diploma

Machinfy Academy

Data Analysis Track - in progress

ShAI company

Freelancing Projects

Face Recognition with Tkinter interface, open cv - sql - tkinter

Detecting COVIED-19 with chest X-Ray, CNN, Transfer Learning , VGG-16

515k-hotel-reviews-data-in-europe(data analysis - data visualization- Nltk -Recommender systems-streamlit- Modeling, Sentiment Analysis), This is under challenge Ravel data science

Recipe Recommendation system web APP (web scraping -Nltk -sklearn -flask -streamlit), This under data science diploma graduation project

Airline passengers satisfaction (data analysis - data visualization -Modeling, streamlit webapp)

Build new social mall based Clustering model, (sklearn-python -kmeans)

Application for Deaf using Deep learning techniques (Lstm - open-cv), This is graduation project from university

Human Computer Interaction using Hand Gestures, python open cv

Social Media Analysis (Tik Tok & Instagram), Dashboard with Power BI

Awards

Second place in DataScience Challenge(Reveal data secrets)

During my experience in the DataScience Challenge(Reveal data secrets), I had the responsibilities of analyzing and understanding data(EDA),(Business Question and solutions)Feature Engineering, Model Building with machine learning and evaluation , and Develop web app of Recommendation system and I have won 2nd place in this challenge

Arabic — Native / full working proficiency • **English** — Highly proficient in speaking and writing

 AI In Arabic Blogs

Introduction to Prompt Engineering ☕

Introduction to Hugging Face and Transformers library 🎉 ☕

Types of Transformers ☕

Introduction to Large Language Models LLMs ☕

Introduction to Pyspark ☕

Effective Strategies for Handling Missing Values in Data Analysis ☕

Using deep learning to predict future bitcoin prices ☕

machine learning models deployment with streamlit ☕