

OSAMA ABUREESH

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SUMMARY

As a dedicated CAP student in the Artificial Intelligence track, I am deeply passionate about technology and AI. I have honed my technical skills through continuous self-learning and practical projects. My aim is to excel in data science, using it to enhance AI predictive models.

EDUCATION

Computer Science Apprenticeship Program AI Track
An-Najah National University

September/2021- Present

PROJECTS

Smart Document Indexing and Query Processing

- Created a document retrieval system using Elasticsearch that can index and search documents based on spatial, temporal, and textual data, significantly improving query response efficiency.
- Applied advanced indexing methods to extract and integrate georeferenced data and temporal expressions from a wide variety of documents
- Designed an intelligent query processing engine with autocomplete and dynamic search capabilities, emphasizing title relevance and user query intent.

Car price prediction service

- Created a machine learning model to accurately predict car prices based on various features.
- Gathered and preprocessed data from the Palestinian car selling website "شو بدك من فلسطين" was and Arabic language.
- Employed machine learning algorithms, such as regression, to train and evaluate the model.
- Implemented the model using a Flask API, allowing users to input car details and receive precise price predictions.

Advanced text classification

- Developed a machine learning model to classify texts from the Reuters news dataset into specific categories.
- Applied word embedding techniques such as (Glove, Word2Vec) to convert text data into numerical vectors for model training.
- Utilized advanced machine learning algorithms, including random forest and Support Vector Machine, to build efficient and high-performance classification models.

PROJECTS

Talent Management - Talento

- Led a team as part of the Talento project
- Collaborated on creating a platform to help fellow graduates find job opportunities or training programs, and to aid companies in finding the right candidates.
- Fostered clear communication among team members, ensuring everyone was on the same page and the project ran smoothly.
- Took on the responsibility of setting up user authentication features, making it easier for users to log in and sign up on the website.

E-Commerce System - Storify

- Participated in the design and development of 'Storify', a multifunctional e-commerce website.
- Enhanced my skills in team work and conflict resolution.
- Received high recognition from the project supervisor for excellent performance

TRAINING & VOLUNTEERING

Data Science Intern - *DataCamp* | Remote

Feb 2024 - Present

- Successfully completed the AI Fundamental certificate.
- Gained hands-on experience by building projects such as Investigating Netflix Movies.

Data Entry, Data Collector - *Foras.ps* | Remote

Jan 2024 - Present

- Collected, filtered, and inserted the best opportunities onto the organization's website, ensuring accuracy and completeness of the information.
- Analyzed and optimized descriptions of opportunities to enhance user understanding, resulting in clearer communication and increased engagement.
- Implemented best search practices criteria to select optimal opportunities, improving the effectiveness and efficiency of the search process.
- Demonstrated proficiency in data entry software and tools, maintaining a high level of accuracy and attention to detail while working under deadlines.

SKILLS

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| • Node.js | • Git & GitHub |
| • React.js | • Excellent Communication skills |
| • Python | • SQL |
| • MongoDB | • MongoDB |
| • Machine Learning techniques | • Feature Engineering |
| • Data Visualization | • Networking |
| • Troubleshooting | |