

# Hashem Ali ALjarrah

## Junior NLP Data Scientist

### Contact

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### Experience

- **Data Science Intern**

Altibbi, Amman, Jordan

Feb 2023 - Dec 2023

- Designed and optimized ETL processes and implemented data dashboards using Apache Superset, improving data-driven decision-making.
- Contributed to the development of a classification system using Multilayer Perceptron (MLP) to distinguish between medical and non-medical questions.
- Maintained data integrity by ensuring consistent data cleaning and preprocessing.

- **Data Scientist**

AI Crunch Company, Amman, Jordan

Jan 2024 - Present

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### Education

**Bachelor of Science in Computer Science**

Jordan University of Science and Technology

2019 - 2023

GPA: 3.41/4

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### Projects

- **Qissah Project**

Jan 2024

- Contributed to an award-winning AI-powered project for generating children's comic stories using OpenAI's Whisper, DALL-E, and GPT-4; secured first place at the Tahaluf Al Emarat Hackathon.
- Project details are maintained in a private GitHub repository.

- **Poetic Text Generation Script**

Aug - Sep 2023

- Developed a script using TensorFlow and LSTM to generate poetic text from a Shakespearean dataset, enhancing literary creative processes.

- **Image Classification Script**

Aug - Sep 2023

- Implemented an image classification tool using TensorFlow, achieving high accuracy on the CIFAR-10 dataset.

- **Arabic Handwriting Recognition Database (AHR-database)** Sep 2022 - May 2023
    - Spearheaded the development of a database to bolster Arabic handwriting recognition; integrated a TensorFlow-based model to set new accuracy benchmarks.
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## Skills

**Programming Languages:** Python (Pandas, NumPy, scikit-learn, TensorFlow), MATLAB, SQL, C++, Bash.

**Machine Learning Tools:** Jupyter Notebooks, Matplotlib, Seaborn, Plotly, Keras, PyTorch.

**Natural Language Processing:** NLTK, Transformer Models.

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## Licenses & Certifications

- **MySQL 5.6 Developer** Mar 2023 ([View Certificate](#))
  - **Certified Associate in Python Programming** Mar 2023 ([View Certificate](#))
  - **Neural Networks and Deep Learning** Feb 2023 ([View Certificate](#))
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## Languages

- Arabic (Native)
- English (Intermediate)