Moaz Al-Hasani	

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## **Profile Summary**

Currently pursuing a Bachelor's degree in Information Engineering at AlSham Private University (fourth year) with a specialization in Artificial Intelligence and a focus on Natural Language Processing (NLP). Possesses hands-on experience in machine learning and deep learning, and is skilled in working with Large Language Models (LLMs) and applying Retrieval-Augmented Generation (RAG) techniques to develop chatbots and intelligent systems. Additionally, has extensive experience in backend development using Node.js for various web applications.

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#### Education

 Bachelor's in Information Engineering AlSham Private University
Specialization: Artificial Intelligence
Fourth Year

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## **Professional Experience**

- 1. Artificial Intelligence & Natural Language Processing Projects:
  - o Developed training projects using machine learning and deep learning techniques.
  - o Created chatbots, intelligent agents, and virtual assistants.
  - Currently working on a graduation project involving semantic research on the Quran using RAG.

## 2. Backend Development:

- Designed and developed web applications using Node.js.
- Developed applications such as e-commerce stores, social media platforms, a music portfolio, and a hospital management system.

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#### Certifications

• Certification in Natural Language Processing (NLP) from the Syrian Informatics Society

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# **Technical Skills**

- Programming Languages: Python, Node.js, TypeScript
- Artificial Intelligence: Machine Learning, Deep Learning, Natural Language Processing (NLP)
- Language Models: Experience with LLMs

• Retrieval-Augmented Generation: RAG (dense, sparse)

Databases: SQL, NoSQLOther Tools: Langchine

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