

Hosein Nekouei

Master's Student in Artificial Intelligence, IAUM

EXPERIENCE

Salamat Andishan Abi Novin, Mashhad — *Internship*

September 2022 - December 2022

Dataset collection through image processing (OpenCV library) on the frames sent from quadcopter for calculation of building height based on shadow length project.

Free Lancer, Mashhad—Web Designer and Developer

March 2016- September 2017

Programming and developing a web application for insurance industry (C#, Asp.net, SQL, HTML, CSS, and jQuery)

Career Break, Mashhad

June 2008 - March 2019

Other activities such as military service, accounting, office manager, etc.

EDUCATION

Islamic Azad University of Mashhad – *Master's Student*

September 2023 to present

The total **GPA** is **19.32/20**. I passed other courses the Network+ and Security+, C#, **Machine Learning**, and **Deep Learning** courses including **MLP**, **CNN**, Object Detection, **YOLO**, and **OpenCV** Library, **RNN**, **NLP** & **Transformers**

Islamic Azad University of Mashhad- *Bachelor*

September 2021 - June 2023

The total **GPA** is **18.9/20** including CCNA, Java, SQL, **Python**, iPython, Cython, Cloud computing, Internet engineering, Algorithm design, **Machin vision**, **Internet of Things**, and **Artificial intelligence**.

THESIS

"Text Sentiment Analysis in Imbalanced Datasets Using Data Augmentation and Oversampling with Large Language Models"

PAPER

Unsupervised Aspect-Based Sentiment Analysis: A Dual-Expert Model with T5 and Roberta for Imbalanced Dataset Augmentation



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LinkedIn:

<https://www.linkedin.com/in/hosein-nekouei-91abba82>

AI SKILLS

- **PyTorch**, **TensorFlow**, Keras, **Hugging Face**
- Machine Learning, Deep Learning, CNN, YOLO, RNN, **NLP**, Encoder-Decoder, **Transformers**
- Sequential & **Functional API**
- Image Processing, OpenCV

Familiar with

- RAG for Text, pdf, Tabular and Json data
- AI Agents, LangChain, Streamlit

WEB SKILLS

- Git, **Flask**, Html, CSS, SASS, REST, Bootstrap,
- **SQL**, SQLite, SQL Alchemy, SQL Server
- **Linux**
- **Python Language**
- Trello

LANGUAGES

- English, pre-Intermediate

CERTIFICATES

- Neural Networks and Deep Learning
- Applied Machine Learning
- Deep Learning (Coursera)