MARWAN KHALEEL MAJEED

Iraq . Mosul. Al-Baladiyat. · 07740870466

Marwankh1970@ntu.edu.iq · **https://www.facebook.com/profile.php?id=100042541241058** ·

Experience

18/8/2020 – till presEnt

NORTHERN TECHNICAL UNIVERSITY
Mosul Medical Technical Institute

2024 - till presEnt
Government Contracts Officer

2017 –2019

NORTHERN TECHNICAL UNIVERSITY
Responsible for the Division of Psychological Counseling and Educational Guidance

2014 –2017

NORTHERN TECHNICAL UNIVERSITY
Student housing officer

2007 – 2014

NORTHERN TECHNICAL UNIVERSITY
Social Research Division Officer

Professional Objective

I seek to work in an advanced technical environment where I can utilize my academic knowledge and practical skills in computer science, with a special focus on Artificial Intelligence and Pattern Recognition, in order to develop intelligent solutions that contribute to improving processes and analyzing complex data.

Academic Qualifications

Master's in Computer Science – Specialization: Artificial Intelligence / Pattern Recognition
University of Zarqa, Jordan
Graduation Year: 2021
Thesis Title: *"Application of Deep Learning Techniques in Pattern Recognition within Medical Images"*

Bachelor's Degree in Computer Science
University of Mosul, Iraq
Graduation Year: 2009

Bachelor's Degree in Law
University of Mosul, Iraq
Graduation Year: 2022

Diploma in Chemical Industries
University of Mosul, Iraq
Graduation Year: 2004-2005

Professional Experience

Assistant lecturer of Computer Science

Northern Technical University - Mosul Technical Medical Institute

• Teaching courses in computer science, with a special focus on artificial intelligence and machine learning.
• Supervising student graduation projects in the fields of artificial intelligence and data analysis.
• Developing academic projects using pattern recognition techniques in data and images.

Research Assistant in Artificial Intelligence and Pattern Recognition

o Design and train deep learning models for medical image analysis and pattern recognition.
o Applying machine learning techniques to improve the accuracy of models in classification and prediction.
o Analyzing model results and improving performance using hyperparameter tuning techniques**.**

Technical Skills

- **Programming Languages:** Python, R, Java
- **Machine Learning Libraries:** TensorFlow, PyTorch, Keras
- **Pattern Recognition Techniques:** CNN, SVM, Decision Trees, Clustering
- **Data Analysis Tools:** NumPy, Pandas, Matplotlib, Seaborn
- **Operating Systems:** Linux, Windows

Certifications and Courses

- Coursera Certificate in Deep Learning Specialization
- Courses GBV.
- Courses First Aid.
- Cisco courses IT.
- Firefighting courses.
- A course in TOT.

Languages

- **Arabic:** Native
- **English:** Excellent (Reading, Writing, Speaking)

Hobbies and Interests

- Participating in open-source projects related to Artificial Intelligence
- Analyzing images and videos using pattern recognition techniques
- Keeping up-to-date with research advancements in Artificial Intelligence and Deep Learning