

1 Name :**Mohammed Ghanim Ayoub Ali**

2. Education

- M.Sc in Computer Engineering (as indicated in NTU records)
- B.Sc in Computer Engineering (as indicated in NTU records)

3. Academic Experience

- Lecturer, Department of Computer Techniques Engineering, Northern Technical University (NTU), Iraq (Full-time)
- Teaching undergraduate courses in:
 - Computer Organization
 - Database Systems

4. Non-Academic Experience :**N/A**

5. Certifications or Professional Registrations :**N/A**

6. Current Membership in Professional Organizations :**N/A**

7. Honors and Awards :**N/A**

8. Service Activities

Participation in departmental teaching duties

Contribution to laboratory supervision and academic activities

9. Selected Publications and Presentations (Last 5 Years)

Intelligent Predictive Maintenance for Urban Energy and Transportation Systems: A

Hybrid AI Approach

Apr 6, 2025

المجلة NTU Journal of Renewable Energy
publisher Northern Technical University

DOI <https://doi.org/10.56286/c85t0b28>

العدد 1

المجلد 8

AI-based ACL Exercises Recognition System Using Wearable Multi-Sensor Data

Fusion

Mar 22, 2025

المجلة NTU Journal of Engineering and Technology

publisher Northern Technical University

DOI <https://doi.org/10.56286/t9nzzg67>

العدد 1

المجلد 4

GPS-based fall detection system for old and specially-abled people

Sep 1, 2023

المجلة Indonesian Journal of Electrical Engineering and Computer Science

publisher Institute of Advanced Engineering and Science

DOI <https://doi.org/10.11591/ijeecs.v31.i3.pp1545-1550>

العدد 3

المجلد 31

Human-machine interaction for motorized wheelchair based on single-channel

electroencephalogram headband

Apr 1, 2023

المجلة Bulletin of Electrical Engineering and Informatics

publisher Institute of Advanced Engineering and Science (IAES)

DOI <https://doi.org/10.11591/eei.v12i2.4163>

Inpatient WiFi-enabled medication dispenser for improving ward-based clinical

pharmacy services

Feb 1, 2023

المجلة Indonesian Journal of Electrical Engineering and Computer Science

publisher Institute of Advanced Engineering and Science

DOI <https://doi.org/10.11591/ijeecs.v29.i2.pp687-693>

10. Recent Professional Development Activities

- Participation in academic and teaching activities
- Contribution to course delivery and curriculum support