

# Academic Curriculum Vitae (Mohammed Gheni Alwan )

## 1. Personal Information:

**Name:** Mohammed Gheni Alwan AL- Zaidi

**Languages:** Arabic / English

**Place of Residence:** Baghdad/ Iraq

**Date of Birth:** 1965

**Religion:** Muslim

**Marital status:** Married

**Specialization:** Computer sciences / Image Processing

**Research Specialization:** Image Processing, Cryptography and Artificial Intelligence

**Current Research Interests:** Image Processing and Cryptography .

**Affiliation:** University of Technology/ Computer Science Department.

**Mobile:** +9647902698024

**E-mail:** [Mahammed.g.Alwan@uotechnology.edu](mailto:Mahammed.g.Alwan@uotechnology.edu),



## 2. Academic Qualifications:

Degree science	University	Department	Date
B.Sc.	Technology	Computer Science	2000
M.Sc.	Technology	Computer Science	2005
PhD.	Technology	Computer Science	2019

### 3. Present Appointment:

Lecturer

### 4. The last 10 published Papers

1. Kernel level anti-spyware using device stack lock strategy.
2. Semi – Chaotic Mutual Learning Platform for Key – Exchange Algorithm Using Neural Network.
3. Fa Ontology Based Image Analysis in Autonomous Computer Environment.
4. Paper Currency Detection based Image Processing Techniques: A review paper.
5. Fake Detection of Iraqi Currency.
6. Multiple Segmentation Methods for Iraqi Paper Currency (IPC).
7. A Comparison between Multiple Features Extraction Method for Iraq Currency Image.
8. Performance Evaluation for Face Database.
9. A Hybrid Algorithms Based on the Aizawa Attractor and Rabbit-Lightweight Cipher for Image Encryption.
10. Automatic panoramic medical image stitching improvement based on feature-based approach.

### 5. Other published resources

- Dataset publication in Mendeley/Elsevier (CBC Dataset, 22 Nov 2022, Mendeley).
- Dataset publication in Mendeley/Elsevier (Thalassemia Dataset, 22 Nov 2022, Mendeley).
- Dataset publication in Mendeley/Elsevier (Hematological Dataset, 22 Nov 2022, Mendeley).

### 6. Short Biography

**Mohammed. g. Alwan.** I lecturer in the Department of Computer Sciences, University of Technology-Baghdad-Iraq. I completed her Bachelor from College Education / Department of Computer Sciences in 2000, and Master degrees, from the Department of Computer Sciences- in college Sciences/ AL- Mustansiriyah University, Baghdad, Iraq, in 2005, respectively. I received her Ph.D. degree in Computer Sciences- Specialization image processing from the University of Technology, Baghdad, Iraq in 2019 he joined the Department of Computer Sciences, University of Technology, as an academic staff member since 2007.



## 7. Supervision

## 8. Discussion thesis of high graduate studies:

## 9. Resident scientific:

## 10. Important Sites:

### Google Scholar:

<https://scholar.google.com/citations?user=6iKLpR0AAAAJ&hl=ar>

### Research Gate:

<https://www.researchgate.net/profile/Mohammed-Alwan-2>

### Scopus:

[scopus.com/home.uri](https://scopus.com/home.uri)

### Publons:

<https://publons.com/dashboard/summary/>

### Orcid:

<https://orcid.org/0000-0001-6871-6900>

## 11. Activities

- manager of the Summer Training Unit in the Computer Science Department 2011

- manager of the Laboratories Unit in the Department in 2014
- manager of the Psychological Counseling and Educational Guidance Unit since 2022 until now.
- Scientific research was evaluated for Al-Khwarizmi Journal.
- I participated in many department and university committees as a member or committee chairman.

**12. Date Curriculum Vitae Prepared:**

2024-10-1

