Name: Zahraa Khdhair Taha Khdhair

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**Qualification**

Master's degree: Electronic and Communication, University of Baghdad, Collage of Engineer, Baghdad - Iraq, 2012

[**bachelor**](https://www.almaany.com/ar/dict/ar-en/bachelor/)**'s:** Electrical Engineer**,** University of Baghdad, Collage of Engineer, Baghdad - Iraq, 2008

**Current Employment and Teaching Experience:**

1. Assistant Lecture at University of Baghdad from 1-11-2012 to 25-2-2013

2. Assistant Lecture at Al- Mustafa University Collage from 1-12-2012 to 25-2-2013

3. Assistant Lecture at the Iraqia University from 25-2-2013 - until now

**Publications**

1. Analysis and Classification of EEG Signals Based on a New Quantum Inspired Wavelet Neural Network Model

2. EEG signals classification based on autoregressive and inherently quantum recurrent neural network

3. Feature Extraction and Classification for ECG signals Processing based on Stationary Multiwavelet Transform and Artificial Neural Network.

4. Enhancing data transfer architecture using LSB steganography combined with reed solomon code.

5. Diagnosis of Faulty Induction Motor using different sensor.

6. Text Encryption using Modified AES-2 Keys

7. [Wireless Communication for Gas Detection using 433RF Modules and Arduino Processor](https://pdfs.semanticscholar.org/6394/dca71e34ceeb15f639e29efdf2fa558d43d9.pdf)

8. Secure and Hidden Text Using AES Cryptography and LSB Steganography

9. An Efficient Image cryptography using RC4 and pixel shuffling encryption algorithms with Hash-LSB steganography

**Paper accepted for publication:**

|  |  |
| --- | --- |
| Title | index |
| Systematic Review of Machine Learning in E- triage and Priority Patients Based Sensor Technology in Telemedicine Systems: Taxonomy, Methods, Performance Measurements, Motivations, Open Challenges and Recommendations | 1 |
| [Systematic Review of](javascript:void(0))IoT-based Telemedicine Practice Enabled for Diseases Prevention and Health Care Services Promotion: Taxonomy, Motivation, Challenges, Recommendations, and Open Issues and Innovative Key Solutions | 2 |
| Design and Implementation of Tripple band Half Mode Substrate Integrated Waveguide (HMSIW) Antenna with compact size | 3 |
| Optimized Multiple Mobile Sink | 4 |

**Participation in training courses:**

1. period of Cisco

2. period of Arduino

3. Microsoft Access 2010

4. Structured Query Language (SQL)