

PROFESSIONAL DETAILS



Fullname Omar Sedqi Kareem

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Phone 07507636047

Gender male

Birth Date 1987-01-22

Address Iraq - Shekhan

Nationality Iraqi

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- [Technical College of Health/Shekhan](#)
 - [Medical Laboratory Technology](#)

LANGUAGE

- **Kurdish** (Native)
- **Arabic** (Proficient)
- **English** (Intermediate)

EDUCATION

Jul, 2016

M.SC. in Computer Engineering

Electrical / Computer Engineering

University of Duhok

Jul, 2008

B.Eng. in Computer Technology Engineering

Computer Engineering Technique

Technical College of Mosul

TITLE

Oct, 2018

Assistant Lecturer

PROFESSIONAL EXPERIENCE

Jan, 2017 - Jun, 2019

Rapporteur of Department Medical Lab. Technology department

Technical College of Health/Shekhan

Duhok Polytechnic University

• I became member in the Graduate Studies Committee in the Technical College of Health/ Shekhan. • I became member in the undergraduate Studies Committee in the Technical College of Health/ Shekhan. • I became head in the undergraduate Studies Committee in the Technical College of Health/ Shekhan.

Mar, 2012 - Nov, 2013

Rapporteur of Department of Computer System and Information Technology

Shekhan Technical Institute

Duhok Polytechnic University

• I worked as coordinator in the department with the quality assurance • I worked as a member of the Committee zankoline to record students in universities and institutes in the Kurdistan Region for two years.

Mar, 2011 - Mar, 2012

Computer center unit manager

Shekhan Technical Institute

Duhok Polytechnic University

Responsible for computer center unit to prepare and organize laboratories in department, also all computer in units of institute.

SKILLS

IT:



Excellent use of computer application and Microsoft Office. Programming the micro-controller chip.

Programming

Language: Computer programming language such Visual basic, C++, C#, and Matlab

INTEREST

Football: Regularly play with friends and in competitions

Traveling: I like traveling and long walks on the river banks.

RESEARCH

INTERESTS: Based on each one's specialization (general or specialty). E.g. my current research my current research around signal and image processing, IoT, Control system, and artificial intelligent.

MEMBERSHIP

Jan, 2011 - Apr, 2011

Kurdistan Engineering Union

Tech. Computer Eng.

Duhok

Feb, 0209 - Current

Iraqi Engineering Union

Tech. Computer Eng.

Mosul

PUBLICATION JOURNAL

Jul, 2017

[REAL-TIME POWER MEASUREMENTS IN SMART BUILDING MONITORING SYSTEM](#)

Journal of University of Duhok (Issue: 2017: Pure and Engineering Sciences (Special Issue of Conference)) (Volume: 20)

The concept of a smart building or a home automation system is often characterized by the ability to control and monitor various household appliances to provide improved convenience, energy efficiency and security. In this paper a smart building real-time power monitoring system is proposed. The system targeted at enhanced safety and user awareness about power consumption with reduced cost. The consumed power can be instantaneously measured. The system can be programmed such in the case increasing power consumption, and start to turn off some insignificant appliances. Consequently, power consumption is reduced down and the cost is reduced. The general-purpose microcontroller (Arduino) available in market with low price. An interpolation technique is proposed to reduce the time of data acquisition. The experimental power load measurements achieved by proposed system are compared in the Lab with the precision and commercial power meters. The comparison shows good results, and the typical time required to measure the real power load and power factor is 42.8 ms for one cycle measurement with 192 samples of data acquisition. The maximum error in measurements are 6% W for real power and 4% for PF.

CONFERENCE

Jul, 2019 - Jul, 2019

[3rd International Health and Medical Sciences Conference "Toward the Advanced Medical Research"](#)

Iraq, Sulaimani As Guest

Participate in the 3rd International Health and Medical Sciences Conference "Toward the Advanced Medical Research", at Faruk Medical City, Sulaimani, Kurdistan Region of Iraq

Jul, 2018 - Jul, 2018

[2nd International Health and Medical Sciences Conference](#)

Iraq, Sulaimani As Guest

Participate in the 2nd International Health and Medical Sciences Conference, The Faruk Medical City, Sulaimani: From Innovations to Clinical Trials.

Apr, 2017 - Apr, 2017

[2nd International Conference of the College of Engineering](#)

Iraq, Duhok As Presenter

Participate in the 2nd International Conference of the College of Engineering, University of Duhok: Recent Innovations in Engineering.

WORKSHOP

Mar, 2019 - Mar, 2019

[Research Methodology course](#)

Technical College Akre As Guest

Research Methodology course Technical College Akre Informatics

SEMINAR

Jan, 2019

[Discrete Wavelet Transform and application](#)

Medical Laboratory Technology, Technical College of Health/Shekhan As Presenter

Jan, 2019

[Multi Vitamin Supplementation During Pregnancy](#)

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Dec, 2018

[Taenia spp](#)

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Dec, 2018

[Normal microbial flora](#)

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Dec, 2018

Infection control

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Nov, 2018

Polycythemia

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Nov, 2018

Learning in small groups in medical fields

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Nov, 2018

Generation of viral vaccine

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Nov, 2018

miRNA. diagnostic and therapeutic potentials

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Oct, 2018

Typing Of Bacteria in the Genommic Era

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

Oct, 2018

[Breast Cancer](#)

Medical Laboratory Technology, Technical College of Health/Shekhan As Attend

TRAINING COURSE

Jul, 2017 - Aug, 2017

[IELTS Preparation](#)

University of Duhok, National

IELTS Preparation College of Education, University of Duhok

Oct, 2016 - Dec, 2016

[Faculty Academic Capacity Building](#)

University of Duhok, National

Faculty Academic Capacity Building College of Education, University of Duhok

Apr, 2013 - Jul, 2013

[English Course](#)

University of Duhok, National

English Course for three months at the Cultural Center