



# EMAN AHMED MOHAMED

Consider the small steps of crossing the summits into a world of practical and theoretical experiences

## WORK EXPERIENCE

### FACULTY OF INDUSTRIAL EDUCATION BSU

2020 - CURRENTLY  
Teaching Assistant  
Practical physics

### RESEARCH PROJECT : ECONOMIC AND GREEN ENERGY STORAGE SYSTEMS BASED NANOMATERIALS PROJECT FUNDED BY STDF

2019 - 2021  
project's member  
Supervisor: Dr Ahmed G. El-Deen

Main activities and responsibilities of work were :

Presenting and discussing the monthly progress reports with Dr. Ahmed Gamal, assisting in manuscript writing, the preparation of figures for publication, analyzing and evaluating research data and develops approaches to solve problems either individually or in collaboration with colleagues. Electrochemistry test including (CV, CA,GCD, EIS) Characterization of the fabricated materials including (XRD, FESEM and HRTEM) . Synthesis of Metal oxides and Metal sulfides with different morphology and study their application. Fabrication of electrode materials for supercapacitors applications. Use of some devices as: Tube Furnace With Gas Purging And Vacuum, Autolab – High Performance Modular Potentiostat/Galvanostat from Metrohm, Multi-Potentiostats from origaflex , Ramé-Hart Model Contact Angle Goniometer/Tensiomete, sensitive balance, Digital Ultrasonic, Centrifuge, Dryer, Muffle Furnace, Vacuum Oven, Linear Shaker, PH meter, Water Bath, Magnetic Stirrer and UV-VIS spectrometry.

### FREELANCER

2016 - 2020  
designer and programmer

Communicating with several sites, expanding in programming languages, several design programs, interacting with customers, and marketing steps, as well as developing self-study

### ALMOKHTABAR MEDICAL LABS

The Market Leader In Egypt & Middle East  
2017 - 2019  
chemist

My experience increased, as the lab holds more than 1000 different types of tests, and I participated in the 100 Million Health campaign

### AL-QASR AL-AINI MEDICAL LABS

The Market Leader In Egypt & Middle East  
2016 - 2017  
chemist under training

Work was done on the elemental analysis devices in water and humans , Cultures determine the type of bacteria and the type of antibiotic, blood analyzes and Blood fabrication films, human hormones, human functions and parasitology using manually and automatically. Use of some devices as: Chemistry Analyzer semi-auto Photometer , Spinreact Spinell CBC , Euromex BioBlue Microscope , ST-200 Plus Electrolyte analyzer, Mira Spermyolyzer CASA, HBA1C NFC Unt5000 , Elisa device and Mindray CL-1000i Chemiluminescence Immunoassay system

## CONTACT

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+201019839499

## EDUCATION

Master 's Student 2020 - CURRENTLY

Pre-Master 2018 - 2019

BENI-SUEF UNIVERSITY

Faculty of PostGraduate Studies for  
Advanced Science

Renewable Energy Science and Engineering department

Bacaloria Degree 2013 - 2016

MINIA UNIVERSITY

Faculty of Science  
physics and computer science

## LANGUAGES Arabic English

## SOFTWARE

ORIGINLAB	MICROSOFT OFFICE
MENDELEY	GAUSSIAN
VESTA	MATLAB
PHOTOSHOP	VISUAL STUDIO
ILLUSTRATOR	PREMIERE

## INTERNSHIP

Egyption Material Research Society International conference ,  
Online (2020)

Environmental Pollution Risks in Developing Countries conference  
Beni-Suef (2020)

Renewable Energy Summer School, asrt,Cairo(2019)

Recent Advances in Renewable energy Technology ||| workshop,  
PSAS, BSU, Beni-Suif (2018)

TIEC Capacity Building Program For universities , InnoVEgypt,itida,  
Minia (2016)

Intel Ideation Workshop , Minia university (2016)

Suez Cement Group's Summer internship (2015)

Egyption Pharmaceutical Students's Federation 14<sup>th</sup> National  
Symposium , Minia University (2015)

## INTERESTS

