

Holds B. Sc. and M. Sc. in Electrical Engineering and has more than 1 year hands-on experience working in construction and PTW / LOTO.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/08/1991
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

- : B. Sc. in Electrical Engineering, King Fahd University of Petroleum and Minerals (KFUPM), 2014
- : M. Sc. in Electrical Engineering, King Fahd University of Petroleum and Minerals (KFUPM), 2016

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : MATLAB, PSpice, Multisim
- : Verilog HDL, Java, Assembly language and Arduino microcontroller board programming

TRAINING COURSES AND CERTIFICATIONS

- : Summer training at Al-Hada Armed Forces Hospital's electrical power stations (2013).
- : Grader at KFUPM:
 - Systems Engineering Dept. (2013).
 - Chemistry Dept. (2011, 2012 & 2014).
 - Preparatory Year Math Courses (2011).
- : Certificate of Appreciation from SIEMENS for assisting in transformers construction and testing.
- : Exceptional Lab Instructor Award (from KFUPM EE Dept. - Fall Semester 2015).
- : Exceptional Teaching Award (from KFUPM EE Dept. - Fall Semester 2014).

- : ETAP software certification from Future Technologies Ltd.
- : Successfully completed the Youth Trainer Program and certified by Skills Development Agency at KFUPM.
- : Successfully completed a one-month course on entrepreneurship and creating startups certified from the Entrepreneurship institute of KFUPM.
- : Attended a 14-hour intensive short course and workshop on Radar Design and Implementation offered by King Abdullah University of Science and Technology (KAUST).
- : Successfully completed a 5-hour workshop program on NARDA Selective Radiation Meter and certified by Communication and Information Technology Commission (CITC).
- : English: IELTS Score 7.5.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2017 till now

Employer : Schneider Electric Egypt

Project : Zohr Gas Field Onshore Project

Job title : Electrical Engineer - LOTO System

Job Description :

- Scope of work: Electrical LOTO Isolation.
- Coordinating with client (Petrobel - eni SpA) to get work permits and doing necessary isolation and normalization of electrical system according to the PTW/LOTO system to perform the work in safety way and without any disturbance of operational system.
- Authorized Electrical Isolator by client.
- Received training on PTW and LOTO from client and conducted by Oil & Gas Skills Company (OGS).
- Received training on H2S from client and conducted by Arab Academy for Science Technology & Maritime Transport.

Dates : From Sep. 2016 till Sep. 2017

Employer : Engineering Maintenance Company - EMC (San Misr)

Project : Egyptian Ethylene and Derivatives Company (ETHYDCO)

Job title : Electrical Field Engineer

Job Description :

- Scope of work: Permanent Power Plant construction works.
- LV & MV Switchgears, LV, MV & HV Transformers.
- MV, HV & GIS gas-end Cable Termination.
- Coordinating with client to get work permits and doing necessary isolation and normalization of electrical system according to the PTW/LOTO system to perform the work in safety way and without any disturbance of operational system.
- Lighting, Grounding, Lightning, Cathodic Protection.
- Cable Trays, Cable Laying.
- Maintain safe and healthy work environment by following and enforcing standards and procedures; complying with legal regulations.

Dates : From Aug. 2014 till Apr. 2016

Employer : King Fahd University of Petroleum and Minerals (KFUPM)

Job title : Research Assistant

- Job Description** :
- Scope of work: Lab Instructor and assisting in faculty duties.
 - Conducting Electric Circuits, Digital Design and Electromechanical Devices Labs.
 - Responsibility of lab equipment.
 - Lab Coordinator for Digital Design and Electromechanical Devices.
 - Faculty Recruitment Committee member.

Further experiences : Workshops and Training Manager at Electroaim (from 2014 till 2015).

Research & Projects:

- Undergraduate Student Research Grant in the field of Power Amplification and Predistortion Circuits and Systems entitled: "Enhanced Nested LUT Model for RF Power Amplifiers Driven by LTE Signals".
- Successfully lead a capstone project on Maze Solving Using the X80 Mobile Robot through the HPF Approach.

Publications:

- A. F. Saleem, I. H. Banat and M. AlMuhaini, "Reliability assessment of a stand-alone hybrid system using Monte Carlo simulation", 2016 13th International Multi-Conference on Systems, Signals & Devices (SSD), Leipzig, Germany, 2016, pp. 714-719.
- A. F. Saleem and M. AlMuhaini, "Reliability Assessment of an Isolated Hybrid Micro-Grid Using Markov Modeling and Monte Carlo Simulation" (to be submitted).
- Ahmad F. Saleem and Ibrahim Elamin, "Optimal Dispatch of Electric Vehicles at Charging Stations for Cost Minimization and Ancillary Services Provision in V2G Concept" (accepted: IEEE GCC conference, Bahrain 2017).
- Ahmad F. Saleem, Ali T. Al Awami, and Eric Sortomme, "Optimal Dispatch of Electric Vehicles Performing Unidirectional V2G" (to be submitted).