

Holds B. Sc. and M. Sc. in Electrical Power & Machines Engineering and has over 5 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/11/1987
Gender : Male
Marital Status : Married
Residence : Badr City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2010
: M. Sc. in Electrical Power & Machines Engineering, Ain Shams University, 2017
: Secondary Education: Zahraa Madeenet Nasr Experimental Language School

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Project
: MS Visio
: Engineering Software: Matlab, AutoCAD, Altium Designer, Orcad, Eclipse, Visual Studio

TRAINING COURSES AND CERTIFICATIONS

: Huawei Certified Network Associate (HCNA) (from Jun. 2017 till now).
: Embedded Software Diploma (from Apr. till Oct. 2016).
: English Course at Berlitz till level 8 (from Mar. 2015 till May 2016).
: STK (Satellite Tool Kit) (Mar./Apr. 2014).
: Euro Sim (Sep./Oct. 2013).
: Satellite communication protocol (Aug./Sep. 2013).

- : Orbital mechanics (May/Jun. 2013).
- : Matlab (Apr./May 2013).
- : ANN (Artificial Neural Network) (Apr. 2013).
- : Labview (Dec. 2012).
- : Automatic Control (Jul./Aug. 2009).
- : PLC (Programmable Logic Controller) (Jul./Aug. 2009).
- : Microcontroller programming "Assembly & C programming" (Jul./Aug. 2008).
- : Internships:
 - Westwood Group - Human Resources Dept. (from Jul. till Sep. 2009).
 - Belayim Petroleum Company (Jul. 2009).
 - Bavarian Auto Group - BMW Egypt (Jul./Aug. 2006).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2016 till now
- Employer** : Badr University in Cairo (BUC)
- Job title** : Assistant Lecturer
- Job Description** :
- Teach as a member of a teaching team within an established program of study in order to ensure content, methods of delivery and learning materials meet the defined learning objectives for individual teaching sessions.
 - Supervise the work of students by providing consultation on study skills and help them with learning problems.
 - Set and mark assignments and set examination questions as well as assessing the work and progress of students by reference to defined criteria and provide constructive feedback to students
 - Participate in the administration of the department's programs of study and other activities as requested.
 - Participating in the development, implementation and maintenance of academic quality assurance arrangements
 - Collaborate with academic colleagues on course development and curriculum changes.
 - Academic Advising for students to help them selecting the appropriate courses during their academic studying year.
 - Use pastoral care skills to deal with sensitive issues concerning students and provide support
 - Implement and develop the academic schedules for all department's programs
 - Create and implement essential software programs to facilitate work and save time.
 - Establish the academic hierarchy for various engineering departments.
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- Dates** : From Nov. 2012 till Apr. 2017
- Employer** : National Authority for Remote Sensing and Space Sciences (NARSS)
- Job title** : Electrical Engineer
- Job Description** :
- Making a complete design for power subsystem using photovoltaic with storage system like battery and / or ultracapacitor, which provide the whole subsystem in satellite like mechanical, communication and payload by permanent electric power source.

- Learning continuously new software programs that can help me in simulating and verification i.e. Labview, Mathcad and STK.
- Simulating the power subsystem and space environment.
- Executing individual tests, and integrated tests on the electronic components.
- Familiar with measuring instrumentation i.e. DC power supply, oscilloscope, frequency generator and various types of Multimeter.
- Supervising the new team members and providing them with several training courses.

Dates : From Aug. 2012 till Nov. 2012

Employer : Shorouk Contractors

Project : City Stars Nady El-Qodah

Job Description :

- Electrical Design Engineer for light current and low voltage applications.
- Design for illumination of different area and Lux calculation.
- Cable size calculation, cable scheduling and its route selection, overhead or underground.
- Supervise the Technicians in handling all the electrical works considering the safety and quality requirements.
- Coordinate with other electrical engineers in the implementation of the electrical system design.
- Check the entire work as according to approved drawings.
- Labor controlling and solve the problems.