

Holds a B. Sc. in Electronic & Communication Engineering and M. Sc. in Electrical Engineering. Has more than 8 years accumulative experience in electronic testing and PV installation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/01/1986
Gender : Male
Marital Status : Married
Residence : Qena

EDUCATION

: B. Sc. in Electronic & Communication Engineering, South Valley University, 2008
: M. Sc. in Electrical Engineering, Aswan University, 2017

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: PSIM, LABVIEW, Altium, MATLAB, L-Edit, OrCAD

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2016 till now
Employer : Aswan Power Electronic Application Research Center, Aswan, Egypt
Job title : Research Assistant Engineer
Job Description :

- Working in Master, verification and environmental data analyze for PV system.
- Implement data monitor and analysis for PV performance.
- Undertaking academic research, Surveys and Reporting.
- Hardware circuit design (Altium), Software programming (Matlab, LabVIEW).
- Laboratory procedures and writing up research papers.
- Master of Science degree in electrical engineering.

Dates : From Jan. 2015 till Jun. 2016

Employer : ECO Electric Solution, Aswan, Egypt
 ECO Electric Solution is a leader local manufacturer in designing, developing and validating high quality LED Drivers. ECO offers customized PV system that match your application with low cost, high efficiency system such as solar pumping and smart building PV system.

Job title : Project Manager - Solar Energy Engineering

Job Description :

- Design and install smart building PV off grid system & pump.
- Complete system designs for PV projects including: site plans, specification of location, interconnection details optimal design applications and design limitations.
- Testing, measuring PV specification and troubleshooting.
- Managing plan for PV projects, budgets plan and project cost analysis.
- Planning and monitoring the project.
- Making sure that all the aims of the project are met.
- Making sure the quality standards are met.
- Managing the company for period act as manager; including sales taxes.

Dates : From Sep. 2011 till Jul. 2014

Employer : Egypt Technology Center, Power Business Unit, Enpirion – Altera Corporation
 Altera Corporation is a Silicon Valley manufacturer of Programmable Logic Devices. Altera Corp. acquired Enpirion Inc., a vendor of integrated power conversion products known as PowerSoCs Validation and testing company's DC-DC converter products.

Job title : Advanced Validation Engineer

Job Description :

- Defining and listing products errata.
- Creating test plans and product acceptance criteria for all the projects to meet the targeted performance.
- Communicating effectively with designers and developers to resolve product related problems.
- Interacting with overseas managers and colleagues via holding data review meetings to discuss validation reports.
- Testing integrated buck converter products.
- Organization of the test time works and meets the time schedule to finish the product validation.

Dates : From Jan. 2011 till Aug. 2011

Employer : Aswan Power Electronic Application Research Center, Aswan, Egypt
 APEARC was established in 2008 to create global center specialized in industrial electronics applications research and to support the research and outreach activities to the problems which face the industry.

Job title : Research Assistant Engineer

Job Description :

- Developing integrated circuits layouts for sub-circuits by L-edit.
- Layout for comparator, OpAmp and digital circuit for Enpirion technology by SILVACO EXPERT layout editor.
- Coursework: Power Electronics, Magnetics, IC design and IC Layout design.

Dates : From Jan. 2009 till Oct. 2010
Employer : Al-Amin Technology, Cairo - Egypt
Al-Amin is one of the leading Egyptian establishments that is specialized in the field of office and banking equipment.
Job title : Maintenance Engineer
Job Description : Hardware and Software maintenance of ENGINCO Credit Cards point of sale machines in Upper Egypt area.

Technical Skills:

- Experience in buck converter IC Lab testing.
- Good skills in technical documentation writing.
- Excellent presentation skills.
- Writing products test plans.

Publication:

Abdeen, El-Taib, El-Sayed Hasaneen and Mohamed Orabi: "Real study for Photovoltaic system performance in desert environment-Upper Egypt-case study", Power Systems Conference (MEPCON), 2016, Eighteenth International Middle East. IEEE, 2016.

Field of experience :

- Solar Energy Engineer (design, installation, testing) and Research Assistant at Faculty of Engineering, Aswan.
- I was working also in international company "Altera Inc" in power management unit as Testing & Validation Engineer for their product.
- I have more than 8 years accumulative experience in electronic testing and PV installation.