Diana Abd El- baset Hussein Ismail

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Objective

To acquire job opportunity in a renowned organization as electrical power engineer,whereby I can give my employee the best of my efforts and develop my professional and interpersonal skills.

Work experience

M.Sc. in Renewable Energy, Elminia University, Egypt

April 2016 – Till Now

- Title of M.Sc. Thesis: "Design and Simulation of Photovoltaic and fuel cell"
- His current research interests include power electronics, electric drives, and electrical devices (FC, PV, Batteries, and SC)

Structure in Manara Academy

January 2014 – April 2017

Training Course "AutoCAD - MATLAB"

Technical support engineer in Acropol

January 2016 – April 2016

- Conduct engineering site audits to collect structural, electrical, and related site information for use in the design of residential or commercial solar power systems.
- Design or coordinate design of photovoltaic (PV) or solar thermal systems, including system components, for residential and commercial buildings.
- Create electrical single-line diagrams, panel schedules, or connection diagrams for solar electric systems using computer-aided design (CAD) software.
- Perform computer simulation of solar photovoltaic (PV) generation system performance or energy production to optimize efficiency.
- Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance monitoring.
- Develop standard operation procedures and quality or safety standards for solar installation work.
- Test or evaluate photovoltaic (PV) cells or modules.

Technical support engineer in Sunwayegypt

January 2015 – December 2015

- Design and install PV off grid system for Farms, hybrid system (Solar/ Diesel generator), Solar system for water Pumping system, PV on grid system.
- Doing survey to select the best location and tilt angle.
- Determine the suitable PV system size and the amount.
- Select suitable system size that will be compatible with customer consumption.
- Determine the quantities of steel for the structure of project.
- Contact suppliers.
- Installed several designs for structures.

Maintenance engineer in Elctro El Hany Company

May 2014 – October 2014

- Supervise the maintenance of low voltage network (boxes-low voltage cables).
- Supervise the maintenance of lighting grid (columns and lighting cables).

Design engineer in Future Office

October 2013 – April 2014

- Home wiring installation for lighting and power distribution systems.
- Fire alarm systems (Loops & zone method).

Courses and Manara Academy in minia

• Mini MBA (Management – Strategy – Marketing - Financial – Accounting)

Itida Developing IT & RITSEC

 Multimedia / Graphics (Photoshop – Illustrator – Dreamweaver-Flash – HTML-CSS)

JELECOM Company in Cairo

• Attending a training course in control fields (Advanced PLC)



Certificates

- Summer training: Suez cement Group in Minia (2011 2012)
- Summer training: Egyptian Electricity Transmission Company "SHOSHA"(2010 - 2011)



- ICDL (Word, Excel, PowerPoint, and Access)
- AutoCAD (2D / 3D)
- Revit
- Dialux "Lighting Software"
- Ecodial Software
- Microsoft Office (project)
- Simulation Programs: MATLAB