

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 3 years hands-on experience working mainly in design of electrical systems and equipments.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/05/1986
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2008
: School certificate: lycee de la liberte (French school), 2003

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fluent
German : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point, Access), Internet
: AutoCAD 2007
: Matlab 7.01
: DIALUX (illumination)
: Visual Basic

TRAINING COURSES AND CERTIFICATIONS

- : Summer training at PETROBEL (Jul./Aug. 2006):
 - Maintenance course in the workshop including motors, pumps, motors branch circuits.
 - Visiting inside the control room in Abu MADY.
 - Visiting the field actuators & sensors.
 - Presence in the lectures held by ABU MADY site about the extracting of oil & gas.

- : Summer training at EASTERN Company for Tobacco (Jul. 2006):
 - Visiting the boilers, workshop, power station.
- : Summer training at Extra High Voltage Researches Institute (Aug. 2006):
 - Visiting the partial discharge laboratory & see its tests.
 - See the high voltage tests & the impulsive tests on the high voltage cables & insulators.
- : Training course "An introduction to a systems approach to life-skills", Society of Petroleum Engineers (SPE), Oct./Nov. 2007:
 - Introduction to system thinking and creativity.
 - Identity development and self empowerment.
 - Interpersonal skills and communication efficiency.
 - Decision making and problem solving.
- : Attendance a lecture of "Delivering Effective Presentations" at Knowledge Association, Mar. 2009 (4 hours).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2009 till now
Employer : DAR AL HANDASA
Job title : Electrical Design Engineer
Job Description :

- Design lighting systems with tacking in consider the environmental constraints.
- Design the panels of equipments and MCCs.
- Design the control panels.
- Design of electrical system in many projects such as:
 - APM (Automated People Mover) stations.
 - Admin Complex in Jeddah.
 - Children's Hospital in Riyadh.
 - Cardio Vascular Center in Jeddah.
 - Central Lab in Riyadh.0
 - Shamia Extension in Mekka at the holy mosque.

Dates : From Jan. 2009 till May 2009
Employer : NATGAS (Egyptian Kuwaiti Company Kharafi)
Job title : Engineer
Job Description :

- Collecting data about prices, components, techniques about renewable energy equipments (wind turbines & biogas reactors technology).
- Study the biogas process plant & its components.
- PRS (Pressure Reduction Stations) check.
- Welding PVC pipes check (butt fusion & electro fusion).
- Speaking with the European & foreign experts about the projects (English, French, German).
- Participation in CDM (Carbon Development Mechanism) project of the textile factories in Kafr El-Dawar.

Dates : From Oct. 2008 till Jan. 2009
Employer : Golden State Foods (GSF)
Job title : Maintenance Engineer

- Job Description** :
- Fixing of any failure or fault in the electrical system of the factory.
 - Design & executing a preventive maintenance program for the factory (daily, weekly and monthly).
 - Supervision of the installation of grounding system in the factory expansion.
 - Design pneumatic, electro pneumatic, electrical circuits in the factory.
 - Development & fixing the control & power panels of the electrical & the production system in the factory (mixing agitators motors, pumps motors, automatic doors, production machines & lines including conveyors, PLCs, sensors, inverters, pneumatic valves & chillers with their control).

Automation experience:

- Very good in dealing with PLC.
- DCS implementation.
- SCADA system description.
- Design a control circuits for motor starting.
- PID controllers.

Skills and achievements:

- Writing letters, memos and reports.
- Following written instructions or diagrams.
- Extracting information from reports, books or manuals.
- Training or tutoring.
- Making accurate measurements or calculations.
- Diagnosing faults and testing equipment.
- Estimating costs.
- Thinking of improvement or alternatives.
- Deciding between alternative courses of action.
- Good communication skills.
- Dealing with complaints.

Volunteer experience and other activities:

- Participation in Journee de la science (day of science) under supervision of French Embassy in Cairo.
- Member in gate (engineering activities) in Cairo University.
- Worked for Resala Group (help needy people).