

Holds a B. Sc. in Electronics & Communications Engineering and a Diploma in Communication Engineering. Has over 7 years hands-on experience working in telecommunication field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/03/1987
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

- : B. Sc. in Electronics & Communications Engineering, Shorouk Academy (SH.A), The Higher Institute of Engineering, Cairo, Egypt, 2009
- : Post graduate Diploma in Communication Engineering, 2015

LANGUAGES

Arabic : Native Language
English : Fluent
French : Basics

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : C++, VHDL, PLC
- : Primavera 6
- : AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Training for the power line carrier equipment Powerlink including theoretical and practical lessons, Siemens AG, Munich, Germany (Oct. 2015).
- : Certificate from APP University SWITZERLAND for attending a course on Utility Communications covering the following subjects:
 - FOX515 – Access / Transport Multiplexer (from Nov. 19 to 23, 2012).
 - FOXMAN-UN – NETWORK MANAGMENT SYSTEM (from Nov. 26 to 27, 2012).
 - FOX660 – MULTISERVICE UTILITY-MULTIPLEXER (from Nov. 29 to 30, 2012).

- : Certificate from PLC INTERNATIONAL INC. in recognition of satisfactory completion of on-site training of telecommunication system for GIS of West Damietta p/s, covering: DPLC 2021d, SDH TN1Ue, UCC 2020 and PABX, New Damietta, EGYPT (Aug. 2012).
- : Certificate from HYSONG CORPORATION for the training program of the telecommunication system in Damietta Project covering: DPLC 2021d, SDH TN1Ue, UCC 2020 and PABX, Damietta, Egypt (Aug. 2011).
- : Certificate of Achievement from Canadian Training Center of human development for completed a comprehensive seminar in BUSINESS COMMUNICATION (Aug. 2008).
- : Training course in SATALLITES, Telecom Egypt Company, Cairo (Aug. 2007).
- : Training course in OBJECT ORIENTED PROGRAMMING IN C++ USING VISUAL STUDIO.NET, High Tech. Center in the Faculty of Engineering of Cairo University (Jul. 2007).
- : Achievements:
 - Certificate from PLC INTERNATIONAL INC. in recognition of first hand collaboration to successfully complete the commissioning of DPLC link between west Damietta P/S and Al Gamalia S/S using the UCC 2021D, NEW DAMIETTA, EGYPT (Aug. 2012).
 - Certificate from PLC INTERNATIONAL INC. in recognition of satisfactory completion of advanced commissioning assistance, set up and testing of UCC 2021D digital power line carrier, UCC 2020 e1 MUX, TN1Ue GE SDH STM-1, Damietta, Egypt (Jul. 2011).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2014 till now
- Employer** : General Department of Protection and Communications Systems Projects - Egyptian Electricity Transmission Co.
- Job title** : Design Engineer
- Job Description** :
- Design Telemetry, Telecom network and Teleprotection systems for the Power Plants, Substations (500KV, 220KV and 66KV) and Control Centers.
 - Set the required specifications for (Fiber optic cables, RTU, Wave trap, 48 V DC system, Transducers, marshalling cabinet, DPLC system, F.O equipment and PABX) and analyze the technical and financial bidder offers.
 - Do the contractual procedures for the technically and financially acceptable bidder till the contract signature.
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- Dates** : From Jun. 2010 till Dec. 2014
- Employer** : National Energy Control Center (NECC) - Egyptian Electricity Transmission Co.
- Job title** : Telecom Engineer
- Job Description** :
- Erection and commissioning of NECC network to deliver needed services (Data, Voice and teleprotection) from Power plants and substations to NECC.
 - Dealing with a big variety of technologies like Optical fiber network, Microwave link, Power line carrier, RTUs, SAS and VOIP which are coming from a wide range of vendors like GE, SIEMENS, ABB and others.

- Field of experience :**
- Testing and maintenance Fiber Optic Systems:
 - Fox 515 & FOX 660 (ABB Co.)
 - ADR155c, ADR2500extra and FMX12 MUX (Sagem Co.).
 - TN1U MUX (GE Co.).
 - Good experience for end to end test (Fiber Optic systems).
 - Siemens SDH Multiplexers hit 7060 and hit 7025.
 - Siemens PDH Multiplexer FMX2R3.2.
 - UCC 2020 Multiplexer (GE Co.).
 - Testing and maintenance PABX and VOIP Systems.
 - Testing and maintenance DPLC Systems:
 - Power Link (Siemens Co.).
 - ETL 500 & ETL 600 (ABB Co.).
 - UCC 2021D (GE Co.).