

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 2 years hands-on experience working in design and shop drawing for all high current systems.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/05/1994
Gender : Male
Marital Status : Single
Residence : Helmiet El Zeitoun, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2017

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Arduino
: Matlab
: PVSyst Software

TRAINING COURSES AND CERTIFICATIONS

: AutoCAD 2D
: Classic Control.
: PLC S7200.
: Electrical Power System Distribution.
: Revit MEP
: ETAP 12.6 (Voltage Drop, Short Circuit and Load Flow).
: Internships at:

- AL ALAMIA for Electrical Engineering Design.
- Integration Bureau for engineering & consultations (IBEC) (2016).
- El Sewedy Cables (2015).
- Toshiba El-Araby (2015).
- New & Renewable Energy Authority (NREA) (2015).

- Military Factory (Plc, Classic Control and Power Factor Correction 200).
- : Self-Study Courses:
 - Arduino self-learning.
 - Very good at Microsoft Excel.
 - Matlab.
 - Solar energy (online course from Delft University of technology).
 - PVSystem Software.
 - Analysis and Design of Low Voltage Power Systems (ISMAIL KASIAKCI).
 - Electrical Installation Guide according to IEC60364.
 - Low Current Systems CCTV, TELEPHONE, FIRE ALARM and DATA Systems.
 - ECODIAL for Short Circuit and Design Calculation.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2018 till now
- Projects** :
 - DOUBLE TREE HOTEL DETAILED DESIGN STAGE
 - STC HEADQUARTER DETAILED DESIGN STAGE
 - STC HEADQUARTER SHOP DRAWING
 - AL SABBAN VILLA, AL SOFYAN VILLA, TAMIM VILLA DESIGN DRAWING
 - ALDKHLA, ALZARKAA, TWAIM MJOSQUES SHOP DRAWING
 - MASHAGHEETH RESTAURANT DESIGN STAGE
 - PRINCESS FAHDA KITHEN DESIGN STAGE
 - AL-TAREK VILLA DESIGN STAGE USING REVIT
 - DOUBLE TREE HOTEL LIGHTING, POWER, CABLE ROUTING SYSTEMS USING REVIT
 - EQUESTRIAN CLUB BUILDINGS (12 BUILDINGS) DETAILED DESIGN STAGE FOR ALL ELECTRICAL SYSTEMS LV SYSTEMS AND LIGHT CURRENT SYSTEMS USING REVIT
 - HIO DATA CENTER SHORT CIRCUIT AND VOLTAGE DROP CALCULATION USING ETAP
 - VILLA ALANAZY SHORT CIRCUIT AND VOLTAGE DROP CALCULATION USING ECODIAL
- Job Description** : Design and shop drawing for all high current systems such as:
 - Lighting, power, Hvac power, earthing and Lightning.
 - Calculation for lighting using Dialux program.
 - Load calculation and Panel schedule according to NEC and SBC.
 - Cable and Cable routing calculation, voltage drop and short circuit calculation using ETAP.
 - Design and Shop drawing for all low current systems such as fire alarm, public address, security.
 - IP SYSTEMS like data system, telephone system, clock system.
 - BMS system, Audio visual system.