

Holds a B. Sc. in Civil Engineering (Structural Dept.) and has over 2 years hands-on experience working as Structural Design Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/04/1994
Gender : Male
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Civil Engineering (Structural Dept.), Ain Shams University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD, SAP 2000, SAFE, ETAPS, CSI Column, Staad Pro, Revit Structure

TRAINING COURSES AND CERTIFICATIONS

: Structural Design Diploma (online).
: Technical Office Engineer (online).
: English Course (online).
: Training as Detailing Engineer at Arabian International Company for Steel Structure (AIC) (Aug./Sep. 2016).
: Training as Site Engineer at EHAF Consulting Engineers - West Gate Mall Project at 6th of October City (Jul./Aug. 2016).
: Training as Quantity Surveyor Engineer at EHAF Consulting Engineers: Structural Quantity Surveyor (Metro Project Line 3 phase 4) (from Jun. till Aug. 2015).
: Training at Engineering Consultants Group (ECG) on Construction and design skills and learn how to make shop drawing (from Aug. till Oct. 2014).
: Training at Arab Contractors Company (Jun./Jul. 2014).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2019 till now
Employer : El-Sewedy Electric Power System Projects (PSP)
Project : Layyah Power Plant, UAE
Job title : Structural Design Engineer (Concrete Structure)
Job Description :

- Making structural design for Fire Fighting on site tank.
- Making structural design for HRSK Storage support area foundation.
- Making structural bim models for cas compressor area building, power transformers, pipe racks support, common electrical building and control building by Revit Structural to check clashes and to export IFC model for overall power plant.
- Making structural design for trenches, duct banks and manholes.
- Making structural design for air compressor building.
- Making structural design for closed cooling pumps shed foundation.
- Making structural design for emergency diesel generator foundation.
- Making structural design for fire fighting water containers foundation.
- Making structural design for pipes rack foundation.
- Making structural design for central control building consists of ground + first + roof.
- Making structural design for secondary steel platforms foundation.
- Making structural BOQ for power plant to make a comparison between tender quantities and actual quantities and calculate the overrun in cost.
- Making structural design for plant treatment building.
- Making structural design for common electrical building.
- Making structural design for pipe rack foundation.
- Making structural design for steel sunshed foundation.
- Making overall layout foundation plan for power plant to check clashes between foundations of different structures with existing structures.
- Engineering Programs used: AutoCAD, Etaps, Safe, Sap 2000, Revit Structural.

Dates : From Dec. 2018 till Jul. 2019
Employer : Jawda Engineering Consultants (JEC)
Job title : Structural Design Engineer
Job Description :

- Villa El-Hawary, El-Shorouk City:
 - Making structural design for villa consists of basement and 3 floors.
 - Making full work shop drawings and BOQ for this building.
 - Engineering Programs used: AutoCAD, Etaps, Safe, CSI Column, Revit Struc.
- Azizyiah Substation - KSA:
 - Making structural design for GIS building.
 - Making structural design for under ground and dry chemical water tank.
 - Making structural design for crane girders and corbels.
 - Making structural design for CSE Steel Structure.
 - Engineering Programs used: AutoCAD, Staad Pro.
- King Khaled Substation - KSA:
 - Making structural design for capacitor bank foundations.

- Making structural design for boundary walls foundations.
- Engineering Programs used: AutoCAD, Staad Pro.
- Extension of 6th October City Substation, Egypt:
 - Making structural design for GIS building and Control building.
 - Making structural design for power Transformer and Fire wall foundations.
 - Engineering Programs used: AutoCAD, Etabs, Safe.

Dates : From Jul. 2017 till Nov. 2017

Employer : Bahrawy Consultancy Group (B.C.G.)

Job title : Structural Design Engineer

Job Description :

- Making structural design for under ground water tank and fire fighting room of Elqousir substation in Egypt.
- Making structural design for (66KV) control building of Badr (III) substation in Egypt.
- Making structural design for (220KV) GIS building of Elwalidaya substation in Egypt.