

Holds a B. Sc. in Civil Engineering and has over 4 years hands-on experience working in design field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/11/1991  
Gender : Male  
Marital Status : Single  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Civil Engineering, Cairo University, 2014

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: SAP 2000  
: Etabs  
: Safe  
: Revit  
: Microstation  
: Staad Pro

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2016 till now  
**Employer** : BCG (Bahrawy Consultant Group)  
**Job Description** :

- Designing a full structural design package for Electrical Substation Building which include: Structural Design Drawings, Calculation note for Analysis and design according to ACI, ASCE, AISC, UBC code and 3D-Model on STAAD program for all substation elements (Columns, Slabs, Beams, Raft Foundation, Shear walls, Retaining walls), design all outdoor equipment's foundation and follow up with contractors and reviewer for any additional details through an e-mails or online conference meetings or Travelling abroad to KSA to negotiate submittals

with reviewers to accelerate the approval process.

- Projects:
  - Oynah Substation Project (KSA Project).
  - Dawadmi Substation Project (KSA Project).
  - EI-Haier Substation (KSA Project).
  - EI-Afif Substation (KSA Project).
  - Al Quwayiyah Substation (KSA Project).
  - Al-Thadeq Substation (KSA Project).
  - EI-Shrouk Substation (Egypt Project).
  - Extension of South Tanta Substation (Egypt).
  - E-HurgHada Substation (Egypt).
  - Damietta for furniture (foundation rested on piles) (Egypt).
- Supervision Work - Temi Al Amdid 500KV OHTL (70 Towers):
  - Supervision on Elsewedy Electric contractor and our civil team construction supervisor monitors ongoing construction to ensure that the work is being done correctly as per EETC specification and Egyptian code requirements and ensure the project stays on schedule.
  - Excavation works.
  - Replacement works.
  - Plain Concrete and RFT Concrete.
  - Insulation works.
  - Backfilling.
  - Inspection works in insulation materials and concrete design mix.
- Other Skills:
  - Have ability to prepare (BOQ).
  - Good knowledge of Revit by using it in modeling and coordination with the other disciplines.
  - Travel abroad and negotiate submittals with reviewers (Kuwait & Saudi Arabia).

**Dates** : From Sep. 2014 till Apr. 2016

**Employer** : Cegman Company

**Job Description** : 

- Work in a Design of Zewail City of Science and Technology:
  - Service Mechanical Building: A special building cause it don't have heavy equipment's rested on its floors only but also has four underground water tanks in its basement that has about 3000 m2 wide and have different systems the flat slab in basement slab and columns submerged in the tanks water and the frames in roof.
  - Service Electrical Building: Building with electrical criteria in both shape and the function it actually do cause the building has 3 story basement, ground and first and the ground has been raised to use this area in equipment that makes maneuvering by using crane run way rested in short cantilever with little vibration.
  - Nano Technology Building: Building for researches of Nano Technology. The Building has about 3000 m2 with 4 stories.
  - Administration Building: Have a chance to take the responsibility of designing and revise the shop drawings that the contractor created (ORASCOM). The Building has about 15000 m2 with 6 stories.

Structural system used (flat slab - Paneled beams - frames - solid slabs).

- ONE-STOP-SHOP: Building for Students Affairs. The building has about 1000 m2.
- Design units of SOLEYA: Residential complex (between Alex and Cairo). Consists of 8 apartment buildings with common basement, 3 types of Town house buildings, 3 types of villas, club house, with swimming pool.
- Central Laboratories in Ismailia: Have a chance to take the responsibility of designing this project that has about 5 stories.
- Design units of West Valley Compound.
- Residential Compound.
- Design 8 pools for (Al Gonaa Compound).
- Responsible for solving the problems of the confusion that may appear in design with the contractor Orascom about the administration building.
- Steel Mezzanine for CIB bank.
- Steel structure Catwalk in administration building.