

Holds a B. Sc. in Civil Engineering and a Diploma in Engineering in Construction Project Management.  
Has over 5 years of experience in structural engineering and marine structures design.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 27/02/1992  
Gender : Male  
Marital Status : Single  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Civil Engineering, Alexandria University, 2014  
: Diploma in Engineering in Construction Project Management, 2017

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Autodesk Revit  
: CSI SAP2000  
: CSI Etabs  
: CSI SAFE  
: Deep Excavation 2012  
: AutoCAD Structural Detailing  
: Primavera  
: AutoCAD Civil 3d

## **TRAINING COURSES AND CERTIFICATIONS**

: Internships at:  
• African Consultant Office (Marseillia Royal Compound) (Jul. 2013).  
• The Arab Contractors (OSMAN AHMED OSMAN) & Co. (Constructing Abou Hommos Water Treatment Plant) (Jul. 2012).

- : Training course in OSHA construction (The Egyptian Center for Industry Safety and Training) (Mar. 2013).
- : Attended Seminars about Youth empowerment program, soft skills and sales (Injaz Misr) (Sep. 2013).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2018 till now
- Employer** : Engineering Consultant Group (ECG)
- Projects** :
- QNB at the new capital (Jul. 2019):
    - Project Place: Located in the Financial and Business District at the new capital.
    - The building comprises 2 basement floors, a ground floor, and 7 upper floors.
  - R5 Zone in the new capital (Jun. 2018 - Jun. 2019):
    - Project Place: New Alamein City.
    - The project stretches over an area of approximately 1,091,500 m<sup>2</sup>, comprising the following: Entertainment & Arts Neighborhood, Investment & Commercial Neighborhood, Cultural Neighborhood, Old City Neighborhood (BUA 187,000 m<sup>2</sup>), Residential Neighborhood, Opera House, a waterway, a tramway track, roads & parking spaces, and a main entrance, as well as a museum, mall, mosque, church, residential studio apartments, cinema complex, city hall, island boutique hotel, and a library.
  - Alexandria east sludge treatment plant (Mar. 2018 - Feb. 2019):
    - Project Place: Smouha, Alexandria.
    - The plant comprises two sludge mixing and transfer tanks (each 125 m<sup>3</sup>); gas holders (5,000 m<sup>3</sup>); a four-floor sludge digestion building (footprint area of 380 m<sup>2</sup> and built-up area of 1,480 m<sup>2</sup>); a digester tank (16,000 m<sup>3</sup>); a digested sludge storage tank (2 x 1,250 m<sup>3</sup>); a waste gas burner; a biogas treatment unit; a boilers building; and a powerhouse.
  - International Hungarian University in the administrative capital (Feb. 2018):
    - Project Place: The new administrative capital.
    - The project spreads over a land area of approximately 126,000 m<sup>2</sup>. The master-planning covers the administration building, school buildings, hostel (for boys and girls), serviced apartments building (for professors and guests), athletics fields, swimming pool, fitness center, library, cultural facilities, auditorium, cafeteria, food court, landscaping, parking lots, media center, and studios.
  - Kigali bulk water project (Feb. 2018):
    - Project Place: Kigali, Rwanda.
    - The project is a Public-Private Partnership (PPP) that aims to develop and operate Kigali bulk water and the proposed water treatment scheme to be developed, including a water treatment plant of a 40,000 m<sup>3</sup> capacity; a new 12,000 m<sup>3</sup>/day reservoir at Kagarama.
- Job title** : Structural Engineer

- Job Description** : • Analysis and full detailed design for several types of structure systems.  
• Quantities survey for structural projects.  
• Preparation of full detailed calculation sheets.  
• Preparation of workshop drawings.  
• Reporting to Senior Management (daily, weekly reports).
- Dates** : From Dec. 2015 till Jan. 2018
- Employer** : Modern Engineering Consultant Office (MECO)
- Projects** : • North Naval Base & South Naval Base (May 2017 - Jan. 2018):
- Tribune (Oct. 2017): RC stand covered with steel serving 100 persons.
  - Cinema and Theater (Sep./Oct. 2017): RC frames with span 25m covering area of 1800m<sup>2</sup> for serving 850 persons.
  - Olympic Pool (Aug. 2017): RC underground tank (50\*25\*3/2) m, Steel covering 28\*45.5m<sup>2</sup>.
  - Mosque (Jul. 2017): RC frames with span 12m.
  - Hotel (Jul. 2017):
    - Multi-storey building with structure system of flat slabs with total area of 5100m<sup>2</sup> containing 400 rooms.
    - Multipurpose hall with structure system RC frames with span 27.5m covering area of more than 1300 m and serving about 500 persons.
  - Administrative building (Jun. 2017): Multi-storey building with a structure system of flat slabs with total area of more than 4300 m<sup>2</sup>.
  - Hospital (Apr. 2017): Multi-storey building with structure system of solid slabs.
  - Dining Hall (May 2017): RC Vierendeel with span 24.5m covering area of more than 37600 m<sup>2</sup>.
  - Quay wall (Mar. 2017): Diaphragm relieving platform of 1000m length and 14m draft (South).
- Mohammed Naguib Green House (Jun. 2017):
- Project Place: Mohammed Naguib military base.
  - Multi spans light steel structure covering area more than 8 feddans.
  - Responsibility:
    - Full analysis and check for the presented structure system and sections.
    - Preparing a technical report about the project.
    - Quantity surveying.
- Roushdy building (Apr. 2017):
- Project Place: Ahmed Abdel-Aziz St. - Roushdy.
  - Multi-storey building consists of 3 basement stories, ground floor and 3 similar stories. (Solid slabs and Flat slabs).
- Sharm El-Sheikh Port Boat lift (Mar. 2017):
- Project Place: Sharm El-Sheikh.
  - Jetty Platform carrying a boat lift with a capacity of 3000 tons and a draft of 5m.
- Alexandria Port Development (Apr. 2016 - Mar. 2017):
- Project Place: Alexandria.
  - Rubble Mound Breakwater of 2.50 km length.

- Responsibility:
  - Preparing the Breakwater workshop drawings.
  - Quantity surveying.
  - Calculating Dredging quantity using AutoCAD Civil 3D.
- Sheet pile quay wall with 100m length extended with 200m length jetty platform and a draft of 12m.
- Relieving platform of 700 m length and draft of 12 m.
- Elmax Fishing port (Dec. 2016):
  - Project Place: Alexandria.
  - Concrete Blocks Quay Wall.
  - Rubble Mound Breakwater.
  - Responsibility:
    - Preparing the Quay Walls Shop drawings.
    - Quantity surveying.
    - Preparing the Breakwater Shop drawings.
- Quay 96 Eldekhila (Nov./Dec. 2016) (Project Place: Eldekhila Port).
- Altor Fishing Port (Nov. 2016):
  - Project Place: Eltor City.
  - Anchored sheet pile quay wall of 5m draft.
- Dahab Marina Jetty (Jun. 2016):
  - Project Place: Dahab.
  - Jetty Platform.
  - Administrative building (Solid slabs and Hollow block slabs).
- Abo-Qir Port Development (Feb. 2016):
  - Project Place: Abo-Qir Port.
  - Sheet Pile Quay Wall 125 m length.
  - Breakwater extension 125 m length.
  - Dredging the harbor bed.
  - Responsibility:
    - Preparing the Quay Walls & Breakwater Shop drawings.
    - Quantity surveying.
- El-Burullus Project (Jan. 2016):
  - Project Place: El-Burullus.
  - 3 Concrete Blocks Quay Walls Total length 1370 m.
  - Breakwater 800 m length.
  - Responsibility:
    - Preparing the Quay Walls & Breakwater Shop drawings.
    - Quantity surveying.

**Job title** : Structural and Marine Works Design Engineer

**Job Description** :

- Analysis and full detailed design for several types of structure systems.
- Analysis and full Detailed design for several types of marine quay walls (sheet pile, concrete blocks, jetties and relieving platforms),
- Quantities survey for marine and structural projects.
- Preparation of full detailed calculation sheets.
- Preparation of workshop drawings.
- Preparation of full detailed time schedules according to labor rates.
- Reporting to Senior Management (daily, weekly reports).