

Holds a B. Sc. in Civil Engineering and has about 2 years of experience in the implementation of infrastructure projects, especially WTP for water purification from iron and Manganese salts.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/09/1994  
Gender : Male

## EDUCATION

: B. Sc. in Civil Engineering, Assiut University, 2017

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD - Water & Sewer Gems - Civil 3D  
: Revit - ArcGisPro - Photoshop

## TRAINING COURSES AND CERTIFICATIONS

: AutoCAD software, Jelecom Academy (Feb./Mar. 2013).  
: Structural Design Diploma & site training, Trust Academy (Feb./Mar. 2017).  
: Roads construction, Desert Reconstruction Authority (Apr./May 2016).  
: SAP2000 software, MAROUF Academy.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2018 till now  
**Employer** : Engineering Consulting Group (ECG)  
**Job title** : PRINCIPAL INFRASTRUCTURE ENGINEER  
**Job Description** : Design of infrastructure projects, including the analysis and design of water & wastewater networks; hydraulic modelling of potable water, wastewater, storm drainage, fire-fighting and irrigation networks using Bentley® packages; full hydrodynamic transient analysis using Bentley's Hammer®; preparation of water and wastewater master plans; spatiotemporal analysis and geographic information systems using ArcGIS®; assisting in the

preparation of tender documents (specifications and bills of quantities); evaluation of existing hydraulic networks; preparation of technical reports; coordination with other disciplines for various projects, including residential compounds, administrative buildings, industrial facilities and resorts.

**Dates** : From Oct. 2017 till Feb. 2018  
**Employer** : United Construction Company  
**Project** : Balat WTP - a purification plant of iron and magnesium salts - at New Valley  
**Job title** : Site Engineer at a water treatment plant  
**Job Description** :

- Revise the tender drawings from the consultant.
- Following up site works.
- Inventory of various civil items such fillings, concrete, ...etc.
- Guiding the labors according to shop drawings.

**Dates** : From Aug. 2017 till Oct. 2017  
**Employer** : Blue Bird Company  
**Job title** : Steel Designer for metal coverings & fabrications  
**Job Description** :

- Preparing the drawings for clients.
- Supervision of implementation those design drawings.

**Field of experience** : Gained a lot of skills as a Site Engineer at various types of structures such as water structures (block modules tanks - sedimentation tanks - etc.), residential structures, multi-purpose structures. Therefore, analysis and design of infrastructure projects, including the analysis and design of water & wastewater networks; hydraulic modeling of potable water, wastewater, storm drainage, fire-fighting and irrigation networks using Bentley® packages; full hydrodynamic transient analysis using Bentley's Hammer®; preparation of water and wastewater master plans; spatiotemporal analysis and geographic information systems using ArcGIS®; assisting in the preparation of tender documents (specifications and bills of quantities); evaluation of existing hydraulic networks; preparation of technical reports; coordination with other disciplines for various projects, including residential compounds, administrative buildings, industrial facilities and resorts.