

Holds B. Sc. in Civil Engineering and M. Sc. in Sanitary & Environmental Engineering. Has over 6 years hands-on experience working in design field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 30/09/1988  
Gender : Female  
Residence : New Maadi, Cairo

## EDUCATION

: B. Sc. in Civil Engineering, Cairo University, 2011  
: M. Sc. in Sanitary & Environmental Engineering, Cairo University, 2016

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: WaterCAD  
: SewerCAD  
: Pipe to Cad

## TRAINING COURSES AND CERTIFICATIONS

: Environmental Engineering Professional Program (ESS), AUC (from Sep. 2018 till now):

- (EIA) Environmental Impact Assessment.
- (SWM) Solid Waste Management.
- Project Management International Standards.

: Summer 2008 & 2009 Training in (ACE) Consulting Engineers Moharram Bakhoum, participate in:

- Design of Reinforced Concrete and Steel works.
- Design of Fireworks and Sewage Network.
- AUTOCAD & Sap applications.
- Site works.

: Introduction to Civil 3D.

: Introduction to Photoshop.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2016 till 2018  
**Employer** : CEEE (Civil & Environmental Engineering Experts) (Dr. Khaled Zaher)  
**Job title** : Sanitary & Environmental Engineer (Design Engineer)  
**Job Description** :

- Design Review of sewage network and Force main (Check the Water Hammer) for El-Nawamees, Etmaneya and El-Nawawra Villages in Assiut.
- Design Review of sewage network and Force main for Zohra, Loqin and Morgan Villages in El Behira governorate, Egypt.
- Design Review of sewage networks and Force main (Check the Water Hammer) for of Nekhel and El-Hassana Villages in Sinai governorate, Egypt.
- Design of sewage network for Arab El-Helwala in El-Qanater, Egypt.
- Design of sewage network and Force main for El-Nouras Village in Port Said governorate, Egypt.
- Design of sewage network and Force main for El-Diba Village in Port Said governorate, Egypt.
- Design of Water network and Ground Reservoir for Be`r El-Abd villages in Sinai governorate, Egypt.
- Design Review of sewage networks, Force main (Check the Water Hammer) and Wastewater treatment plant for of El-Sharkia governorate for Water and Wastewater Company of El-Sharkia governorate, Egypt.
- Preparation of the preliminary report for El-Bakarsha (San Alhagar) Water treatment plant.
- Review the design of stabilization ponds of Nikhel and Alhassana, Sinai governorate, Egypt.

**Dates** : From 2013 till 2016  
**Employer** : Civil Engineering Sanitary and Environmental Engineering Research Institute in Housing and Building National Research Center (HBRC)  
**Job title** : Civil Engineer  
**Job Description** :

- Performing water and wastewater analysis.
- Revising the design of some water and wastewater networks.
- Assist in the preparation of Egyptian Codes for water and wastewater engineering.

### Publication:

Khaled Zaher, Abdelsalam Elawwad, Rana Nadeem, Wastewater Treatment by Electrocoagulation: A comparative study using different anode materials, Proceedings of the 4<sup>th</sup> World Congress on Civil, Structural and Environmental Engineering (CSEE'19), Italy (2019).