

Holds a B. Sc. in Chemical Engineering and has more than 1 year hands-on experience working as Chemical / Process / Operation Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 31/08/1993  
Gender : Male  
Marital Status : Single  
Residence : Alexandria

## EDUCATION

: B. Sc. in Chemical Engineering, Alexandria University, 2016  
: Studying for M. Sc. in Process Engineering, Cairo University

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet  
: Matlab  
: Aspen HYSYS  
: Chemcad, WinSim inc and AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: HYSYS, Modeling and Simulation, Faculty of Engineering, Alexandria (2017).  
: Diploma in supply chain and operation management, Alison (2017).  
: Training at Alexandria Fertilizers Co. (ALEXFERT) (2015): Trained in unit operations and unit processes in ammonia and urea plants.  
: Training at Sidi Krir Petrochemicals Co. (SIDPEC) (2014):

- Introduced to manufacturing processes in ethylene and polyethylene plants.
- Introduced to fundamental tools which are used to design, manage, operate a chemical plant safely in petrochemical plants.

: Training at Egyptian Projects Operation and Maintenance (EPROM) (2013).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2016 till now  
**Employer** : Misr Chemical Industries Co. (MCI)  
**Job title** : Process / Operation Engineer  
**Job Description** :

- Excellent experience in PFDs, PIDs, ESD, SIL and interlock system.
- Good experience in process safety, specifically relating to Process Risk Management deliverables, Risk Assessment, HAZOP.
- Perform process simulation & Process calculations for different units.
- Reviewing material and energy balance for different Units.
- Pre-commissioning and commissioning activities in Electrochemical Plant.
- Start-up and normal operation of electrochemical and chlorine plant.
- Working on Siemens DCS S7 system with very good knowledge of its control logic and interlock description.
- Good experience in chlorine refrigeration unit and Storage.
- Calculation the daily production, Monitor performance.
- Excellent experience in troubleshooting.

**Dates** : From Jul. 2016 till Nov. 2016  
**Employer** : Moharam Plast Co.  
**Job title** : Chemical Engineer  
**Job Description** :

- Follow up implementation of extrusion process and controls the parameters of manufacturing process.
- Dealing with different grades of polyethylene and polypropylene as raw materials.
- Participate with R&D team to develop our products.
- Study the role of different additives to raw materials to get desired properties.