

Holds a B. Sc. in Mechanical Power Engineering and has more than 1 year hands-on experience working in HVAC field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/07/1993  
Gender : Male  
Marital Status : Single  
Residence : Helwan, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Cairo University, 2016  
: Zahraa Helwan High School, 2011

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD  
: Revit MEP  
: HAP  
: ANSYS Fluent  
: Solid Works  
: Matlab  
: C++

## **TRAINING COURSES AND CERTIFICATIONS**

: ICDL Course at Faculty of Engineering / Cairo University (2013).  
: Fire fighting at JELECOM (2014).  
: ANSYS fluent at Faculty of Engineering / Cairo University (2015).  
: REVIT MEP at JELECOM (2016).  
: Trainings at:

- Engineering-Automotive-Manufacturing Company (2013).
- A.O.I aircraft factory (2013).

- Peugeot (2014).
- Petrojet (2014).
- Helwan Diesel Engine Company (2014).
- South Cairo Power Station (2015).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2016 till now
- Employer** : Allied Consultants Ltd.
- Job title** : HVAC Engineer
- Job Description** :
- King Faisal Specialist Hospital & Research Center Project in JEDDAH, KSA:
    - External static pressures calculation for supply, return and exhaust fans.
    - External static pressure calculation for Energy Recovery Unit.
    - Cooling load calculation.
  - EL KADA Military Hospital and EL SAFF Military Hospital Projects in New Capital, Egypt:
    - Preparing and studying Design concept according to standards and codes.
    - Cooling and Heating load calculations using HAP Software.
    - Air distribution and duct design and sizing.
    - Equipment selection and AHUs sizing and selection using FLAKT Software.
    - Heat Recovery unit selection and sizing according to requirements.
    - Preparing of equipment schedules for the project and preparing pressurization plans.
  - DUBAI Downtown Development - District Cooling Plant.
  - UPTOWN CAIRO EMAAR SQUARE - District Cooling Plant.
  - LA PLACE, Retail and Hotel- New Cairo, Egypt:
    - Preparing and studying Design concept according to standards and codes.
    - Cooling and Heating load calculations using HAP Software, Air distribution and duct sizing.
    - Equipment selection and AHUs sizing and selection using FLAKT Software.
- Dates** : From Feb. 2017 till Apr. 2017
- Employer** : MUST
- Job title** : Teaching Assistant
- Job Description** :
- I was responsible for teaching two subjects, 2nd semester:
    - MECHANICAL DRAWING.
    - COMPUTATIONAL FLUID DYNAMICS (CFD).