

Holds a B. Sc. in Mechanical Power Engineering and has about 2 years experience working in design and HVAC maintenance.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 19/11/1996  
Gender : Male  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Cairo University, 2019

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
French : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: CAD  
: Solid Works  
: Ansys  
: HAP  
: Trnsys  
: Matlab  
: C++  
: Arduino  
: EES

## **TRAINING COURSES AND CERTIFICATIONS**

: Strategic Planning Training at Cemex International Company (Jun. 2016 – Sep. 2016):

- Participating in waste collection project for fuel saving.
- Studying market competitors for enhancing the company performance.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2020 till Mar. 2021  
**Employer** : Egyptian Air Defense Forces  
**Job title** : Mechanical Design Engineer  
**Job Description** :

- Designing sealed pressure vessels to sustain high pressures.
- Designing required mechanical parts or systems using Solid Works.
- Dealing with sheet metals and steel cross sections in forming mechanical parts.
- Supervising on production process and assembling the final product.
- Prepare work packages and materials for every planned maintenance activity.
- Plan and arrange activities related with equipment maintenance to enhance equipment and workshop accessibility and competence, supporting production supplies and increase equipment predicted lifetime.

**Dates** : From Jun. 2019 till Jul. 2020  
**Employer** : General Top Speed for Air Conditioning  
**Job title** : HVAC Maintenance Engineer  
**Job Description** :

- Testing central air conditioning units.
- Repairing faults in both center and split air conditioning units.

**Dates** : From Aug. 2019 till Dec. 2019  
**Employer** : Engineeius Integral Solutions  
**Job title** : STEM Team Leader  
**Job Description** : Worked as a Stem Instructor and then a Team Leader at The British International School of Madinaty.