

Holds a B. Sc. in Mechanical Engineering and has over 2 years hands-on experience working in design and maintenance.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 24/05/1992  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Alexandria University, 2015

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
German : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD 2D & 3D  
: Autodesk Plant 3D - P&ID  
: MS Project  
: Solid Works (3D modeling - 2D drawing - Assembly - analysis - sheet metal)  
: Revit MEP  
: Elite duct sizer  
: Carrier HAP

## **TRAINING COURSES AND CERTIFICATIONS**

: Non-destructive testing (NDT), EGS Training Center, Alexandria (from Oct. 2016 till Jan. 2017):

- Visual testing - Level II.
- Radio-graphic testing - Level II.
- Ultrasonic testing - Level II.
- Penetrant testing - Level II.
- Magnetic testing - Level II.

- : Fundamentals of Lean Six-Sigma: Quality Engineering and Management, Technical University of Munich (TUM) (Feb./Mar. 2017): A course of study offered by TUMx, an online learning initiative of TUM through edX.
- : Design Thinking Fundamentals, Rochester Institute of Technology (RITX) (from Mar. till May 2017): A course of study offered by RITX, an online learning initiative of RITX through edX.
- : Design Thinking Empathizing to Understand the Problem, Rochester Institute of Technology (RITX) (Jan./Feb. 2018): A course of study offered by RITX, an online learning initiative of RITX through edX.
- : Hydraulics, Tsinghua University Tsinghuax (from Jun. till Aug. 2018): A course of study offered by Tsinghuax, an online learning initiative of Tsinghuax through edX.

## CHRONOLOGICAL EXPERIENCE RECORD

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|------------------------|---|--|
| <b>Dates</b>           | : | From Oct. 2016 till Apr. 2019  |
| <b>Job title</b>       | : | 1st Lieutenant Mechanical Engineer Officer   |
| <b>Job Description</b> | : | <ul style="list-style-type: none"> <li>• Tanks (M113 - M88 - M60A3 - M109) repair engines, hydraulic circuits, electricity and sensors.</li> <li>• Making equipment selections.</li> <li>• Confidential engine tuning.</li> <li>• Create a B.O.M to change defected tank parts.</li> <li>• Confidential engineering related work.</li> </ul> |
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|------------------------|---|--|
| <b>Dates</b>           | : | From Jan. 2017 till now  |
| <b>Job title</b>       | : | Freelancer Mechanical Design Engineer  |
| <b>Job Description</b> | : | Design of water, Fire-fighting and HVAC systems and create P&ID, 3D and 2D drawings for installation and piping. |