



# Omar Ahmad

MECHANICAL ENGINEER



6<sup>th</sup> of October  
Giza



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## PROFILE

Junior Mechanical Engineer interested in products 3D-modeling, manufacturing, and analysis. Prepared to learn more about the industrial field and willing to add more to the industry. Started to work on 3D-modeling software early in college years and practiced this knowledge in college projects. Had some experience with the construction of mechanical systems and fire fighting systems.

## EXPERIENCE

June. 2019

### TECHNICIAN – DEUTSCHLAND - CAIRO, EGYPT

Working as a technician with the installation team, deploying high fog water mist advanced fire fighting systems and traditional systems in various sites while solving some of the problems encountered:

- Performing the installation of high fog water mist fire fighting systems.
- Inspection and testing of deployed systems.

## PROJECTS

2019

### FEA OF A C-SHAPED I BEAM – MATERIAL MECHANICS AND ANALYSIS

Aim to use CAD software to 3D model the object and make a comprehensive analysis of the applied forces and monitor the deformation and deflection.

2018

### COLOR SORTING MACHINE MODEL – 3D MODELING AND ARDUINO

Implementing Arduino circuits, components and 3D modeling software to design and fabricate a working model that sorts objects based on color.

## EDUCATION

2020

### BACHELOR – AL AZHAR UNIVERSITY - CAIRO, EGYPT

Bachelor of Production Mechanical engineering

Grade: Good

2020

### FIRE FIGHTING PROJECT – AL AZHAR UNIVERSITY - CAIRO, EGYPT

Designing a traditional fire fighting system for a factory using NFPA code and with the use of additional software such as Elete and Autocad.

Grade: Very Good

## SKILLS

Solidworks	●	●	●	●	○
MS Excel	●	●	●	●	○
English	●	●	●	●	○
AutoCad	●	●	●	○	○