

# Poula Sameih

Mechanical Engineer

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## Objective

As a mechanical engineer, I'm seeking a position in a dynamic organization where I can use my skill in the best way and offer my ideas freely. I've begun as a design engineer and this position gives me this much of accuracy in doing things.

## Education

**Zagazig University**  
**Bachelor of mechanical power engineering**

**Sharqia, Egypt**  
**2016 – 2021**

Grade average percentage: 82.13% (Rank 8) , Grade appreciation: Very good with honors.  
Graduation project: Design HVAC system , The project appreciation: Excellent.

## Experience

**Higher Technological Institute**  
**Mechanical teaching assistant.**  
Responsible for :

**10<sup>th</sup> of Ramadan , sharqia**  
**October 2024 - present**

- Assist the supervising professor in the management of learning suite. (Posting course information , quizzes and assignments , grading rubrics and lecture notes and slides ...)

**Sega-m Electrical products**  
**Mechanical design engineer**  
Responsible for:

**10<sup>th</sup> of Ramadan, sharqia**  
**February 2023 – September 2024**

- Designing products and generating production process with full detailed drawing of low and medium voltage panels .
- Assessing product usability and safety.
- Writing reports and presenting results to Managers and customers.

## Business

-Launch my own educational channel , Poula sam academy, on youtube platform  
Dec 2023- present

## projects

**Design HVAC system ( Graduation project )**

- Calculating cooling loads using the HAP program and selecting the system equipments.
- Designing and shop drawing the distribution of the system.

**Simulation of axial flow fan (CFD project )**

- Creating geometry using Solidworks and exporting it to Ansys program.
- Performing suitable domain, generating the mesh, setting up the necessary equations, and solving them in the form of simulations.

## Courses

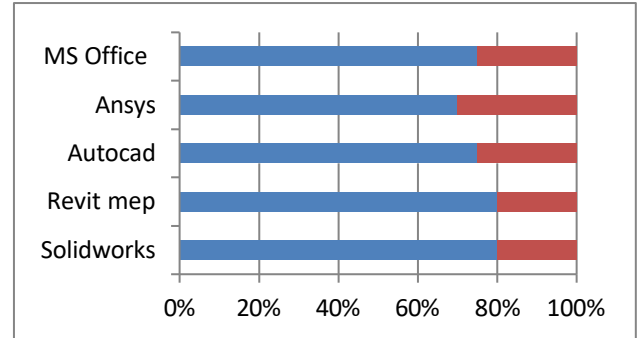
### Solo learning :

- Mechanical design fundamentals
- Sheet metal and molds design
- HVAC
- Mechanical design software such as Solidworks, Autocad, Revit MEP, Inventor and Ansys

## Skills

### Software:

- Solidworks
- Revit MEP
- Autocad
- Ansys
- MS Office



### Personal:

- Teamwork
- Creativity
- Dedication
- Work under stress
- Very good leadership

## Languages

- Arabic : Native
- English : Excellent
- French : Fair

## Personal informations

- ☒ Date of birth : 9/3/1998
- ☒ Nationality : Egyptian
- ☒ Gender : Male
- ☒ Marital status : Single
- ☒ Military status : Military service performed