

Alhassan Mohamad Abd Elhafeez Hassan

Mechanical Engineer

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Military status : Exempted
Marital status : Single
Birthday : 25-3-1996
Nationality : Egyptian

Education

- **Bachelor of Science in Mechanical Engineering**, Mechanical Design and Production Section, 2019
 - **Assiut University, Egypt**
 - **Accumulative Grade: Distinction** with honors (**89.7%**), Ranked 3rd of 115 Students
 - **Graduation Project** : Design & Manufacturing of a Heat Treatment Furnace for Metals up to 1200 °c
 - **Project Grade** : Distinction (150/150)
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Internship (Training & Experience & works)

- **Training in Asfour Crystal International** Summer 2016 – two weeks
 - ❖ Practical training in the mechanical workshop (measurements, milling, turning, grinding, CNC) and the sheet metal workshop. also, manufacturing of crystals chain.
- **Training in Aluminum Company of Egypt (Egyptalum)** Summer 2016 – Two weeks
 - ❖ Witnessed the maintenance of pumps that pump water to cast houses and maintenance of a four-stroke car engine.
 - ❖ Visited the rolling mill, extrusion plant, anode plant and trained in production workshops.
- **Training in Integrated Technology Transfer Unit (ITTU)** Summer 2017 – Two month
 - ❖ Learned Solidworks course, classic control, Ansys beginners course.
 - ❖ Practical training in R&D department and sharing in design of taftaf (passengers train in Assiut university consisting of two trailer).
- **Engineering Competition Zone 2,** 1/12/2017 to 2/4/2018
 - ❖ It organized by Engineering Syndicate and Faculty of Engineering.
 - ❖ Worked in team from all departments of faculty for enhancement of engineering design and interdepartmental co-operation skills.
 - ❖ Alazhar's Car Station development project.
 - ❖ We got the 2nd place as a mechanical team of 10 participating teams.
 - ❖ We were summoned to discuss this project with the governor of Assiut.
- **Expert Middle East Company for contracting working in HVAC systems**
 - ❖ worked in Expert company from 7th of August 2019 till 20th of November 2019.
 - ❖ Title: Technical office engineer
- **Mechanical Department, Faculty of Engineering, Assiut University**
 - ❖ worked as a demonstrator from 5th of May 2020 till now.
 - ❖ Master student

External Courses

- Solidworks Basic Applications Two weeks
 - HVAC, Firefighting, Plumping System Three months
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Computer Skills

- Solidworks, Autocad for CAD (good)
 - Abaqus, Ansys for finite elements analysis (beginner)
 - G & M code for CNC machine programing (good)
 - CamBam plus for CAM (good)
 - Cura for 3D Printing simulation (good)
 - Microsoft office. (good in word, excel, power point and adequate in others)
 - Camduct for CNC plasma cutting machine
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Soft Skills

- Self-motivated always seeking to learn and grow.
 - Well organized, Good Planar, Good Time manager,
 - Good communication with others, Work with the team.
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Language

- Arabic (Native).
- English (Good).
- French (basics).
- Deutsch (basics).