

Profile

Mechanical power engineer with experience in the field of renewable energy, air conditioning systems and automotive service. I am an enthusiastic, self-motivated, hardworking and highly organized individual with a keen sense of responsibility and accountability.

At my work, I have firstly mastered the art of working under pressure, multitasking and prioritizing and Working within a team and my resume will show the extent of my involvement in the field.

It would also be relevant to mention that I am single, willing to travel or relocate, bilingual (Arabic and English), with sound computer skills in MATLAB, AutoCAD, ANSYS, Top Solid, Solid work, Fluent, Gambit, Elite Software, Hap Software, Revit Software, power- point and Excel.

Personal Details

Nationality: Sudanese

Date of Birth: July 1th, 1995

Language: Arabic/English

Gender: Male

Marital status: Single

Availability: Immediate

Education

- **Sudan University of Science & Technology (2012- 2017)**

B. Eng. (Honors) in Mechanical Engineering (Power). - (2nd Class / first Division).

Graduation project "Selecting the best type of an air conditioning system for three floors building using (CHVAC) software" with (A) degree.

Description

The aim of the project was to find the suitable thermal environment and comfort for the people working within a three floors building, because there is no suitable thermal environment inside the building. This was done by selecting the best type of an air conditioning system to operate inside the building after the cooling loads of the building were calculated using the Commercial heating, ventilating and air conditioning (CHVAC) program.

- **International tests score:**

- IELTS test: my score was 6.00 (March 2, 2019)

- GRE general test: my score was 151 (from 170) in quantitative reasons, and 140 (from 170) in verbal reasons (February 2,2019)

Courses

FIREFIGHTING SYSTEMS_REVIT MEP_HVAC

Mayor Engineering Training Center, Khartoum-Sudan, APR-2017

Training

---DAL Motors Co. Ltd---

Workshop: (on JAN-2018)

Quick Service, General Repair & Engine Overhauling

Service Advisor: (on FEB-2018)

- Greeting customers and scheduling service appointments
- Cataloguing customers concern and comments
- Writing service orders and descriptions of problems and repairs
- Translating customers' repair problems into standard repair terminology
- Explaining repairs to customers
- Estimating the cost and time needed for repairs
- Handling customer complaints

Work Experience

1) Project engineer (part time work) in renewable energy at the Ministry of Water Resources, Irrigation and Electricity (unpaid work as my civilian national service for one year) since July 2018 to July 2019.

Description

The projects of this division is for solar and wind energy sections to support green energy. The aim of the wind project that I am work for is to solve the problems that face the developing countries in their poor knowledge and technology in this field, so the project came to support design, procurement, construction and operation of the baseline wind farm in an Eco-friendly manner.

2) Assistant teacher (part time work) at Sudan University of Science & Technology in mechanical engineering department power section. Since October 2018 and still.

Reference:

Eng. Hind Elamen – Wind energy project manager

Ministry of Water Resources, Irrigation and Electricity - Khartoum - Sudan, Mob: +249912602764
hindrdrd@hotmail.com

Eng. Abdallah Mokhtar - Mechanical Engineering department head

Sudan University of Science & Technology - Khartoum - Sudan, Mob: +24999788883