Yousef Hasan

MECHATRONICS ENGINEER

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I believe that I would be a diligent employer with constant high aspirations and able to work with minimum supervision. I am reliable, well organized and passionate about the task is given. I am bestowed with a will to work and get the utmost output whether in the one-man show or be it a group.
I have been trained and exposed enough to work in small and large groups too. I am looking for research opportunities in several areas in Mechatronics such as robotics, industrial automation, artificial intelligence, besides renewable energy. I have the skills and the capabilities for academic research and academic writing.

EMPLOYMENT HISTORY

University of Science and Technology

Feb 2021 – up to date

Researcher assistant in faculty of engineering mechatronics department

- Teaching the practical modules in mechatronics program like Robotics, mechatronics system design, Hydraulic and Pneumatics systems, and selected subject in Mechatronics (3d Printers and CNC milling machine).
- Participate and assist in academic administrative duties.
- Assist in writing supplementary lecture notes, answer keys and visual aids.
- Be approachable, helpful and familiar with the course contents and assignments.
- Conduct tutorials, labs or review sessions.
- Mark assignments and tests.

Al-Samout Company

Feb 2020 – up to date

Maintenance Administrator

- Programming computers of gas stations, designing gas control system, designing fire control system.
- Manage department of maintenance and handle multiple projects of oil and gas stations.
- Design and implementation of many security and safety projects in these fields.
- Assign the issue to available engineer for further actions.
- Coordinate the maintenance works between the engineers according the specialty and availability.
- Make the progressive reports on the maintenance performance.

Shaphaco Company

Jul 2018 – Sep 2018

Trainee in maintenance machines and checkup production line.

- Assign the issue to available engineer for further actions.
- Coordinate the maintenance works between the engineers according the specialty and availability.

University of Science and Technology

May 2018 – Jul 2018

Trainee in Renewable Energy Center and Electronic Design.

Freelancer

Designer

Work either for design electrical schemes or mechanical.

EDUCATION

Sana'a University

2014 - 2018

Bachelor of Mechatronics Engineering

Rated as one of the top ten students in the overall grade.

Cambridge International Examinations

International Diploma in IT Skills

May 2013

Introduction to IT, learning Microsoft Office, Databases, Excel, and Electronic Communication.

Al-Shaab School

Secondary Certificate

2012

Rated as of the top two students in science Section in all semesters.

SKILLS

- Excellent leadership skills
- Creativity
- Time management
- Professional MS Office
- Communication
- Teamwork

TRAINING & PARTICIPATION & CONFERENCES

University of Science and Technology

- Participation in the 1'st International Conference on (ITSS IoE 2021), IEEE.
- Participation in SPSS Course | UST, Yemen 9 Dec 2021.

Qurtoba Institute

- Computer Maintenance Diploma.
- CompTIA A+ Certification | 3 Nov 2014.

General Telecommunication Institute

Programming and Maintenance of Smart phone Diploma | 31 Jan 2021.

Cardiff Institute

Graphics Diploma | 5 Mar 2019.

Seeds Institute
English Language Diploma |20 Mar 2019.

Youth and Sport Leadership qualification center
Architectural Design by Revit|25 Dec 2019.

Rofhd Academy
English Language program |25 Mar 2013.

ABILITIES

- Accurate: Careful, Precise.
- Cooperative: Work well with others.
- Ability to solve problems and make recommendations.
- Fast learning.
- Ability to deal with emergency and difficult circumstances.
- Excellent communication skills.

PROFESSIONAL SKILLS

- MATLAB, Simulink, and LabVIEW.
- Maltisim, Protuse, and eTap.
- Autodesk Invertor & Solid work 3D Mechanical modelling.
- PVsyst Solar system designing.
- PLC ladder programing and installing.
- Embedded system (PIC, Adriano) Designing and programing.
- C++ & C Programing, and Packet Tracer.
- Robotics Building and programming.
- Mitsubishi Melfa robot programming by Ciros or teaching mode.
- CNC Mach3, 3D printer Cura and Ultimaker Cura.
- Automation studio.

LANGUAGES
Arabic (Native), **English** (Fluent), **French** (Beginner)