

MOHAMMAD TAREK HAJAR

Jeddah, Saudi Arabia

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PROFESSIONAL SUMMARY

Results-driven Mechanical Engineer with a proven track record of successfully managing tasks and ensuring quality control. Possessing strong leadership and management skills, as well as the ability to build and maintain relationships with clients. Looking for a new opportunity to leverage my expertise in mechanical engineering.

EDUCATION

BEIRUT ARAB UNIVERSITY

TRIPOLI, LEBANON

Bachelor of Mechanical Engineering

2015 – 2020

- GPA 2.83 – Thesis (Fire detection and Fighting Unmanned Air Vehicle)

PROFESSIONAL EXPERIENCE

JEDDAH STEEL FACTORY CO.

JEDDAH, SAUDI ARABIA

Mechanical Engineer and Site Manager

JUL 2023 – PRESENT

PROJECT: WESTERN FOULADH FOR METAL INDUSTRIES (STEEL TUBE FACTORY)

- Ensured that steel structure components fabrication and installation is design compatible.
- Installed eight overhead double girder cranes and two tube mill production lines.
- Designed and installed firefighting network in coordination with the consultant.
- Designed and developed drainage and sewage network, factory ventilation system, managerial building cooling system, and compressed air network.
- Designed, Developed and installed water network for production lines (consisted of underground pipelines, heat exchangers, a cooling tower, and water pumps).

ZEBREX MOTORS LTD

ACCRA, GHANA

Assistant Manager

MAR 2021 – MAR 2023

- Established and maintained relationships with existing clients while actively seeking out new business opportunities, resulting in an increase in sales revenue.
- Customized sales presentations to meet the needs of specific sales outlets and trade factors, resulting in successful partnerships with key clients.
- Demonstrated strong cost management skills, resulting in increased profits for the company by implementing cost-saving measures and effective budgeting techniques.

SIGMA CONTRACTORS

BEIRUT, LEBANON

ENGINEER

JULY 2020 – FEB 2021

- Implemented cost-saving measures and innovative designs that resulted in significant energy savings and improved system efficiency for clients.
- Developed innovative designs for a new water supply and drainage system for a commercial building, resulting in a 25% reduction in energy consumption and significant cost savings for the client.

LANGUAGES

Arabic (Native); **English** (Fluent); **French** (Beginner)

IT SKILLS

- Programming: knowledge of C, MATLAB, LABVIEW, ARDUINO, and ROBOLAB.
- Technical simulation: AutoCAD, Revit, HAP, Pipe flow, and basic knowledge of SOLIDWORKS

CERTIFICATES & AWARDS

Team Leader | VEX U robotics (Jan. 2017 – March 2018)

- Executed projects: Designing and Programming a robot to accomplish specific missions, given effective costs and real-world limitations of a restricted development environment.
- Honors: 2ND overall place for VEX U North League 2018.

Team Member | FLL Robotics Competition (Jan. 2011 – May 2013)

- Executed projects: Building and Programming a Lego robot to fulfill the given missions autonomously.
- Honors: Best Program Award for FLL worldwide competition 2013; 1st overall place for FLL Arab competition 2013. ;1st overall place for FLL Lebanese competition 2013.