

Abdullah Alghanem

Mechanical Engineer / OSH Specialist

📍 Eastern Province, KSA

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PROFILE

A thriving knowledge engineer with the ability to participate and build in a high-performing team with tangled interests. Looking for a position to utilize and develop my engineering, occupational health, and safety skills, willing to relocate for the right opportunity.

EDUCATION

Feb 2021 – Jun 2021
Dammam, KSA

Certified Occupational Health & Safety Professional, THIEP

320 Hours professional training course consists of lectures, researches, and site visits. Focused on the following, "**OSH System Management, Risks & Hazards, Inspections & Audits, Incidents & Emergencies, and OSH Culture**". Sponsored by Ministry of Human Resources & Social Development.

Aug 2015 – Dec 2019
Morgantown, USA

Bachelor of Science in Mechanical Engineering, West Virginia University

Participant at **WVU Baja SAE** capstone project, designed and built an off-road Baja vehicle from scratch, using **CAD (SolidWorks)**, machined with **Mill** and **Lathe** to compete against different education institutions around the globe. My role was a leader in a sub-group specialized in front suspension components design and manufacture. Worked in most parts of the vehicle manufacturing process. Along with smaller projects such as a **Candle Maker**, **Remote-Controlled Hovercraft**.

WORK EXPERIENCE

Jun 2020 – Dec 2020
Dammam, KSA

Business Development Engineer, Life Hope Medical Co.

- Successful business plan to spread and raise the sales of a newly invented mask, **AirQueen mask**, also known as Prince Mohammed Bin Salman's mask.
- Designed a **User Friendly** online store and handled its **Customer Service** and **Shipping Logistics**.
- Handled the company's outsourced services **Contracts** such as customs clearing and freight shipping.

COURSES

Finite Element Analysis, West Virginia University

Developed a background in different CAD software to test structural designs and thermal effects.

Automatic Controls, West Virginia University

Designed control systems for single Input and Output dynamic systems in Matlab / Simulink package.

First Aid Basics, Saudi Red Crescent Authority

Trained on performing CPR, Dealing with emergency cases such as Choking, Heart Attacks, Epilepsy.

Español nivel A1, University of Jeddah

Presentándome, Números, Colores, y Clima.

INTERESTS

Walking, Weight Lifting, and Bowling

Keeping a healthy body and relieving stress.

Cultures, Nature and Animals

Been to 14 countries. Enjoy nature and the countryside. Support animal rescuers.

SKILLS

Project Management	<div style="width: 90%;"></div>
Hazard Identification	<div style="width: 85%;"></div>
Risk Assessment	<div style="width: 75%;"></div>
Metal Fabrication	<div style="width: 80%;"></div>
Communication	<div style="width: 100%;"></div>
Team Player	<div style="width: 100%;"></div>
SolidWorks / Fusion360	<div style="width: 80%;"></div>
ANSYS	<div style="width: 70%;"></div>
Graphic Design	<div style="width: 85%;"></div>
Microsoft Office	<div style="width: 100%;"></div>

REFERENCES

Available upon request.