

# Mohammed Al-Shuraidah

## Mechanical Engineer

Fresh Graduate Mechanical Engineer Seeking to Work at Professional Working Environment that Enables Me to Develop My Practical Skills that Contributes to the Development of the Work Common Goals and Personal Living Goals.



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## SKILLS

Solid works designing

MATLAB

Microsoft programs (Word, excel, PowerPoint)

C++ Programming

## LANGUAGES

Arabic  
Native or Bilingual Proficiency

English  
Professional Working Proficiency

## SOFT SKILLS

Team working

Problem Solving

Leadership

Time Management

## EDUCATION

### Bachelor's Degree in Mechanical Engineering King Fahd University of Petroleum & Minerals / Dhahran

08/2015 - 09/2021

Courses

- Machine Design \* Thermodynamics
- Manufacturing \* heat transfer
- Material Science \* System Dynamics & Control

### Valid membership in the Saudi Council of Engineers Membership No : 785877

## WORK EXPERIENCE

### SABIC - GAS / Rotating Engineer / COOP Training Program Air Separation Unit

01/2021 - 08/2021

Achievements/Tasks

- Participation in Field Troubleshooting of Mechanical Equipment
- Vibration Monitoring
- Participation in Management of Change (MOC) Meetings
- Share Responsibility of Mechanical Equipment Overhauling Management
- Risk Assessment
- Incident Classification
- NDT inspection applications

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SABIC, JUBAIL

## CERTIFICATES

### Oil and Gas Extraction (01/2020)

Student Success Center, KFUPM

### Safety Engineering Course (05/2019)

Student Success Center, KFUPM

### Advanced Features in Excel (06/2019)

Student Success Center, KFUPM

### OSHA Safety at Work (03/2022)

High Industrial Technical Training Institute certifies that

## PROJECTS

### Senior Project (09/2020)

- Designing a Multi-Purpose Portable Lifting Mechanism that can be used in workshops, factories and houses using solid works program the manufacture it in a workshop.

### Rescue Mission (10/2018)

- The Rescue Mission is a Competition that limited by 14 weeks and 5 members. The members were challenged by the used material and sources, and they were asked to Design a boat that delivers a package of 5 g along 5 meters away island safely in the shortest time. (Second Winner)

### 3D CNC Machine (03/2018)

- The 3D CNC Machine project was consisting of 4 members who were asked to Design a CNC machine by applying the knowledge gained in SolidWorks and do the animation.

### Designing a Fully Mechanical Robotic Hand with Specific Constrains (01/2020)

- In this project we design a fully mechanical robotic hand that can grip and hold an object that weighs 150 kg while the hand itself weighs 5 kg or less. We designed the hand based on different mechanical design concepts