

Mohammed Alsadah

COMPUTER ENGINEER

SUMMARY

Computer Engineering fresh graduate from KFUPM with second honors. Seeking a position where I can practice my major, as well as, develop my skills and knowledge. Trained at Linkers as Embedded System Engineer where I developed and managed multiple IoT projects. Participated in multiple hardware and software projects during my college years.

ACADEMIC AWARDS

2019 Third Distinction

2017 Third Distinction

CERTIFICATIONS

2020 Data Analysis using Python

2019 Introduction to Data Analytics
Using R

CONTACT

+966567933133

mkassadah@gmail.com

<https://www.linkedin.com/in/mohammed-alsadah-b18a29178/>



EDUCATION

BACHELOR OF SCIENCE DEGREE IN COMPUTER ENGINEERING

King Fahd University of Petroleum & Minerals | 2015-2021
Cumulative GPA: 3.30/4. (Major GPA: 3.44/4)



EXPERIENCE

EMBEDDED SYSTEM ENGINEER (TRAINEE)

2021 Linkers | January 2021- August 2021:

- Develop new IoT Sensors
- Enhance Wireless feature for IoT sensors.
- Research IoT Applications
- Develop new features for Linkers tools

COORDINATOR

2017 Careem | January 2017- March 2017:

- Troubleshoot waiting time and service time
- Organizing and prioritizing customers' complaints
- Reporting the problems faced by drivers and following up
- Facilitating and smoothing drivers' registration procedures



ACTIVITIES

2018 Student Exchange Program

I was nominated as one of the high-performance students to join the Student Exchange Program and represent KFUPM at Northeastern University, Boston, in the United States.



ACADEMIC PROJECTS

2021 Virtual Store

My responsibilities were:

- Designing the workflow and building the Store's Application using Java language
- Designing The UI of the application using XML
- Participate in Integrating Firebase authentication and real-time database management
- Designing the Firebase Realtime Database

2021 Creating a Smart Secure House using IoT Devices

2021 Online Chatting Application with secure communication

2021 Automated Attendance System

In this project, we created an android app that allows teachers to take attendance using NFC. My responsibilities were:

- Designing the Android App workflow, UI
- Programming the full functionality of the app using Java
- Designing the Firebase Realtime Database JSON tree
- Participate in Integrating Firebase authentication and real-time database management
- Developed NFC reading from device functionality
- Creating a python script to take attendance each day and update the firebase

2019 Building a safety box using an LPC microcontroller, servo motor, LCD, LED lights, buzzer, and keypads.

2019 Simulating 16-Bit RISC Processor

2019 Car rental offices online platform

This project conducts research on the car rental offices market.



SKILLS

Computer Skills

- Web Development(HTML, Javascript, CSS)
- Programming Language(C, Java, Python, C++)
- Assembly Language (ARM, MIPS)
- Networking
- Communication (MQTT, Modbus)
- Bash scripting
- Linux
- Matlab
- Microsoft Office Tools

Technical Skills

- Project Management
- Troubleshooting
- Researching
- Critical Thinking

Languages

- Arabic
- English