



Sara Moussa

Computer and Telecommunications Engineer

Personal information

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Hard Skill

- C++
- SQL
- Linux
- HTML
- Java
- PHP
- JavaScript
- Matlab
- Arduino ide
- 8085 Assembly language

Soft Skill

- Team worker
- Patient
- Persistent
- work under pressure
- Passionate and Self-motivated
- self and quick learner
- Problem solver

Personal Projects

- Helium-based wireless connectivity for low power smart irrigation system
Remote programming of irrigation schedules using the Helium Network build on the top of LoRaWAN protocol with the blockchain technology.
- Home Automation system Design
Build five different systems, and Fire alarm system.
- Body Mass Index machine
Load cell sensor with an ultrasonic sensor that senses the presence of an object.

About Me

A junior big data engineer with a strong foundation in data warehousing concepts, SQL, and NoSQL databases. Expert in data structuring, migration, and extraction. Well-versed in PostgreSQL, and cloud platforms such as Azure, AWS, and Google Cloud.

Internships & Work Experience

White Stork| Data Engineer

May 2023 - Current

- Working with different Data Warehouses
- Data engineering cloud environment (AWS, Azure, Google)
- ETL processes, SQL server, and Postgres knowledge

IDS Fintech | IOT Engineer part time job

November 2022 - April 2023

- Research on a Decentralized Wireless 'Helium Network' by integrating blockchain and LoRaWAN technologies for various IoT devices.

Mobile Interim Company MIC2/Touch | Mobile

Networks evolution technical course

July 2022 - August 2022

Education Background

Computer and Telecommunications Engineer

Lebanese University - Faculty of Engineering

September/2018- September/2023

Official Baccalaureate

Lycee Fakher El Dinne School -General science (very good)
2018

Certificates

- AWS Certified Cloud Practitioner, Amazon Web Services, 2023
- Cisco Cyber Security, DOT Lebanon, 2022
- MIT App Inventor, DOT Lebanon, 2021
- Mobile Maintenance course, AI Debess Association, 2021
- CCNA2-Switching, routing and wireless essentials /Cisco Networking, 2020
- CCNA1-Introduction to network /Cisco Networking, 2020

Languages

- Arabic -native
- English -fluent
- French -fluent