Merareb Badreddine

EMBEDDED SYSTEMS ENGINEER

PERSONAL DETAILS

- Skikda
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- 0697512752
- Merareb Badreddine

BIRTH DATE

28 / 05 /1998

MILITARY SERVICE STATUS

EXEMPTION

TRAINING COURSES :

udemy / vignesh sekar :
Computer Architecture &
Organization

udemy / walid issa :
Electronic design

lern in depth :
Mastering Embedded Systems

AREA OF INTEREST

Computer Engineering

EXPERIENCE

StarUp :

PROJECT : LABORATOIRES EDUCATIVE EN LIGNE   1 y

my role was focused on developing educational devices. I was part of a team dedicated to innovating and developing new technologies to enhance the learning experience. My responsibilities included analyzing educational needs, designing suitable devices and systems, and programming the necessary software to support the devices.

Sonatrach Raffineria :

INTERNSHIP   7 d

During the internship, I learned about control systems such as (PLC ,DCS ,SCADA) and BMS (Battery Management Systems).

Algeria Telecom :

INTERNSHIP   15 d

I learned how to design and implement communication networks. I gained knowledge in managing Network devices such as Servers, Switches and Routers. Additionally, I learned about protocols like TCP/UDP, DNS, IP address ,and the OSI model,Fiber Optics, Ethernet .

EDUCATION

Université 20 août 1955 - Skikda

MASTER ELECTRONIC EMBEDDED SYSTEMS   2018 - 2023

TECHNICAL SKILLS :

good knowledge : _Microcontroller _RTOS _Communication Protocols (USART ,SPI , I2C, CAN BUS)	programming languages : _ C / Embedded C _ Python (Basic Knowledge) _web Basic (html, css ,js , MERN Stack)	Tools : _GitHub _Visual Studio _Eclipse , STM32CubeIDE _proteus , Arduino IDE

FAMILIAR WITCH :

Computer Vision	PLC	FPGA
ARM Cortex-M 3/4	LINUX	ROS
AI, Machine Learning, Deep learning	AUTOSAR	