



# LICHIR ISMAIL

## SENIOR TECHNICIAN IN EMBEDDED SYSTEMS

### COORDINATES :



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DRIVING LICENCE B



<https://portfolio-ismail3080.vercel.app/>

### PROFILE

I have a DUT in Embedded Systems. I'm interested in everything to do with electronics and computing, particularly microcontrollers, microprocessors, web and mobile programming, and project design.

### TECHNICAL SKILLS

- PROTEUS
- ALTIUM DESIGN
- ARDUINO
- RASPBERRY PI
- TWIDO/LOGO
- STM32
- Automate Programmable (API)
- Hardware Benchmark

### PROJECT

#### RFID DOOR ACCESS:

An RFID-based lock and alert system using Arduino in which the user had to scan the right card (tag) to open the door lock, and the system also displayed the confirmation message to us

#### AUTOMATIC TOMATO SORTING

A Machine Learning project involving a Raspberry Pi-based tomato sorting system uses TensorFlow modules that are trained using Edge Impulse to detect tomatoes and sort them according to color.

### self-training certificate



Responsive Web Design 2022



Certified Web designer 2022



Objet Oriented Programming Python 2022



JavaScript for beginners 2022



JavaScript Algorithms and Data Structures



Master Course Of Edge Computing 3.0

### PROFESSIONAL EXPERIENCE

#### • LCM - AICHA

#### Initiative internship (July 2022)

A one-month induction course in the maintenance department at LCM-Aicha

#### • TINKIET - France (hybride)

#### Technical training (March 2023 to June 2023)

A 4-month technical internship at TINKIET ma including designing the ESP32 printed circuit board (PCB), programming it and studying Edge Computing technology.

### SOFTWARE COMPETENCE

- LINUX Operating Systetems (UBUNTU-KALI)
- RTOS
- Edge impulse
- Matlab/Simulink
- ALTIUM DESIGN

### PROGRAMMING LANGUAGE

Familiar level with :

- PYTHON
- C
- MATLAB
- Logo/Twido

Basic level with :

- VHDL
- JavaScript
- Java
- PHP
- Docker / Docker Compose
- SQL

### UNIVERSITY CAREER

- **High school moulay Ismail Meknes**  
Electrical science and technology  
baccalaureate in 2021
- **Fez College of Technology**  
Embedded Systems DUT 2023

### LANGUAGE

- Arab ★★★★★★
- Anglais ★★★★★★
- Français ★★★★★★

### HOBBIES



Gaming



Coding



E-Learning