



# ZEINEB MANSOUR

EMBEDDED SYSTEMS  
ENGINEERING STUDENT

## CONTACT

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## SKILLS

### Software :

C - C++ - Python- Machine Learning - Matlab - ISIS Proteus - Qt - Altium Design

### Hardware :

Raspberry Pi - STM32 - Arduino - FPGA - ESP.

## CERTIFICATIONS

- Orange Tech Center :**  
Machine Learning
- French Institute :**  
DELF B2 : 78 / 100
- British Council :**  
IELTS Academic 2018 : 7 / 9

## LANGUAGES

- English : Expert
- Frensh : Advanced
- Arabic : Native Speaker
- Spanish : Beginner
- Turkish : Beginner

## REFERENCE

**Dr. SAYADI Fatma-Ezzahra**  
Engineer and University Professor

sayadi\_fatma@yahoo.fr

## EDUCATION

### Masters Degree in Connected Intelligent Systems (CIS) | Specialty Embedded Systems

National Engineering School of Sousse (ENISo) 2021 - present

### National Engineering Degree in Industrial Electronics

National Engineering School of Sousse (ENISo) 2020 - present

### Preparatory cycle + National Exam of Engineering Schools Entrance

Preparatory Institute for Engineering Studies (IPEIT) 2018 - 2020

### Scientific Baccalaureate with Honors

Sadiki School 2018

## PROJECTS

- Design and prototyping of an intelligent parking lot system

### Technologies : Raspberry Pi - Python

- Location tracker bracelet for monitoring Alzheimer's patients

### Technologies : Arduino / Module RF

- Development of an access authorization system

### Technologies : RFID - STM32 - C++

- Conception of a temperature and humidity Detector and Regulator for Green-Houses

### Technologies : ESP8266 - C

- Smart colors detector

### Technologies: Python

- Line Following Robot

### Technologies : Arduino - CAO

## PROFESSIONAL EXPERIENCE

### Focus Corporation

Engineering Internship



July / August 2022

- Subject :** Setting up a Stock Management Desktop app (Database)

### Technologies : Python - Qt

### ENEDO POWER

Technical Internship



July 2021

- Subject :** Observation of the different designing stages of high-precision electronic boards

## COMMUNITY LIFE

- Junior-Enterprise ENISo** 2021 - 2022

Position : External Manager

- Junior Enterprises Global** 2020 - present

Position: Global Growth Manager

- Representative of the EI day** 2021 - 2022

- ENISo-Enterprise Convergence Forum** 2021 - 2022

Position :Organizer