



Contact

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Programming languages

- Python
- MicroPython
- C
- Embedded C
- Java
- Assembler
- VHDL




Electronic Cards

- NVIDIA Jetson Nano Graphical Card
- Raspberry Pi
- Raspberry Pi Pico
- FPGA
- Arduino

Software

- UiPath
- Proteus ISIS
- Logisim
- Vivado
- Xilinx

Languages

- Arabic 
- French 
- English 

ONS AROURI

EMBEDDED SYSTEMS BACHELOR

Professional Experiences

End-of-studies Internship

Re:School Education | 2022

Development and realization of an intelligent waste bin, that automatically sorts, in real-time, the waste thanks to a machine learning model, calculates and indicates its filling rate and sends it to the database.

Technologies: AI, Machine Learning, YOLO, Object Detection, Computer Vision, NVIDIA Jetson Nano, Raspberry Pi Pico, Python, MicroPython

Reference: <https://tinyurl.com/2p9b5a8z>

Summer Internship

Sagemcom | 2021

Conception of a Humidifier.

Reference: <https://tinyurl.com/4a76d6dw>

Education

License in Electrical Engineering and Automatic Electronics, mention: Embedded Systems

Higher Institute of Computer Science ISI, Tunis El Manar | 2019 - 2022

Academic Project

Higher Institute of Computer Science, ISI | 2021

Command of a Robot Hand Gestures with Computer Vision

Technologies: Arduino, AI, Computer Vision, Python

Reference: <https://tinyurl.com/m8xrrkha>

EF SET Certificate

EF SET | 2020

C1 Advanced

Certificate: www.efset.org/cert/ZqTVbj

Baccalaureate Degree in Experimental Sciences

High School of L'Aouina | 2019

Associative Experiences

Member

Enactus ISI | 2019

Certificate: <https://tinyurl.com/3s9xctt2>

Vice-President of The Projects Department

Enactus ISI | 2020 - 2021

- Projects Management & Team Management

Project Manager

Enactus ISI | 2020 - Present

Presentation Team

Presentation Team | 2019

- Presenting the project in the Counselling Meeting of Enactus TUNISIA

Center of Interests

- AI & Machine Learning
- IoT & Robotics
- RPA
- Real-Time Embedded Systems