

OUCHKER MOHAMED AYMAN

Future robotics and cobotics engineer looking for an end-of-studies project internship.

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RABAT-SALE, Morocco

[Mohamed Ayman Ouchker](#)

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[Portfolio](#)



PROFESSIONAL EXPERIENCES

Stage d'initiation

Digital Development Agency, Rabat | From July 10 to September 10, 2023

Work within a dynamic team to design and develop a web application meeting the specific needs of the Agency and its stakeholders.

Stage d'initiation

LabX, Rabat | From July 1 to August 2, 2022

LabX is an innovative company specializing in the development of advanced technological solutions. It was an opportunity to immerse myself in a dynamic professional environment and work alongside a talented team of experienced developers.

Robotics competition

Al-Farabi Technical High School, Salé | One week

Participation in the robotics competition, the first version of the organization of the Scientific Club of Al-Farabi Technical High School.

Training program

ENSIAS, Rabat | Two days

Arduino developer training program organized at ENSIAS (National School of Computer Science and Systems Analysis).

Training program

Discount | May 2019

The goal of the JA Company program is to allow students to start their own business and experience first-hand how a company works.

SKILLS

Programming languages: C/C++, Java, Python and MATLAB

HMI in C++ with QT Operational research (ML, DL)

Ubuntu (Arduino, Raspberrypi) VHDL Fuzzy logic

Automation: Ladder, Grafcet, GEMMA Computer vision

Project and Strategic management API

Network localization and navigation methodology (Kalman filter, SLAM) Artificial Neurons

Design and modeling of robotic systems

Signal and image processing Sensor technology

Critical and Real Time Systems (RTOS)

FORMATION

State Engineer in Robotics and Cobotics | Sep 2022 - 2025

Euro Mediterranean University of Fez, EIDIA

Integrated Preparatory Cycle | Sep 2020 - June 2022

Euro Mediterranean University of Fez, EIDIA

Bachelor of Technical Sciences | June 2020

Al-Farabi Technical High School, Salé

ACADEMIC PROJECTS

- AgriBot: mobile robot that does planting and navigation in a raspberry agricultural field.
- Design and simulation in VHDL of an electronic lock.
- VHDL modeling and simulation of an 8-bit processor.
- Design and creation of a smart home with the Arduino Uno board.
- Programming real-time face detection applications with Python.
- Gym management application programming with Java OOP and SQL.
- Programming a social network with HTML, Tailwind CSS, MySQL and JavaScript.
- Programming of housing rental applications between individuals.

CERTIFICATES

- 100 Days of Code - The Complete Python Pro Bootcamp (Udemy).
- Introduction to Cybersecurity (Cisco).
- Concevez votre site web avec PHP et MySQL (OpenClassrooms). MATLAB
- Onramp (MathWorks). Image
- Processing and Signal Processing (MathWorks).

LANGUAGES

Arabic French English Spanish