

Kazdar Othmane

ELECTRICAL ENERGY AND DIGITAL INDUSTRIES ENGINEER

MEKNES, MOROCCO

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Profile

Engineering student at the National School of Arts and Crafts in Rabat, Majoring in Electrical Energy and Digital Industries (EEIN), I am looking for an end of studies internship (4 to 6 Months), in the following fields electrical engineering - embedded systems H/F - Industrial computing.

Education

National School of Arts and Crafts - (ENSAM)

Rabat, Morocco

Engineering Degree in electrical energy and digital industries

On Going

Courses: Electrical engineering, power electronics, digital electronics, electric motors (MCC, MAS, MS) and variable speed drives, automation/automation, LADDER programming, microcontrollers, DSP, FPGA, embedded OS, RTOS, C/C++, Python, object-oriented programming, Matlab/Simulink, PCB design

Carnot Prepas

Meknes, Morocco

Preparatory Classes for Engineering Schools

Sep 2018 - Jul 2020

Omar Ibn Alkhatib High School

Meknes, Morocco

High School Diploma - Physics

2018

Professional Experience

SiliconeSignal Technologies

Meknes, Morocco

Design of an integrated system for PLCs

Jun 2022 - Aug 2022

- Integration of a connected system that reads data from PLCs present in a factory and sends this data to a server or cloud service via a standardized communication protocol (MQTT) using a Raspberry pi and a Gateway/Switch.
- Skills:** MQTT . Communication protocols . PROFINET . Modbus . SIMATIC STEP 7 RSLogix . Internet protocol suite (TCP/IP) ESP32 . Microcontrollers . Raspberry Pi . Python (programming language)

SiliconeSignal Technologies

Meknes, Morocco

The study and design of an integrated system

Jul 2021 - Aug 2021

- Design of a mattress foam sorting system by color and density
- Skills:** Arduino . Raspberry Pi . Sensors . Embedded Systems . Embedded C

Projects

Automate Programmable basé sur l'ESP32

Rabat, Morocco

ENSAM

Jul 2022 - Aug 2022

- Compétences:** EasyEDA . PCB Design . Électronique de puissance . Microcontrôleur(ESP32)

USB vers RS232 et RS485 Convertisseur

Rabat, Morocco

ENSAM

Jul 2022 - en cours

- Skills used:** PCB design . Electronique de puissance . Microcontrôleurs

Système d'optimisation du trafic connecté à l'internet

Rabat, Morocco

ENSAM

Dec 2021 - Jul 2022

- Skills used:** Python . ESP32 . Communication Wi-Fi . C embarqué

Car Diagnostics System Using RASPBERRY PI

Rabat, Maroc

ENSAM

Oct 2021 - Feb 2022

- Skills used:** ODB2 . CAN . Python . Raspberry pi . Communication Wi-Fi . C embarqué

Fall Detection APP for smartphones

Rabat, Morocco

ENSAM

Jun 2021 - Jul 2021

- Skills used:** Java . Android studio . Vibration Sensors

Skills

Technical Python, C/C++, Embedded C, Git, Linux, Shell (Bash), LADDER (Automations)

Software LabVIEW, Matlab/Simulink, Proteus 8 ISIS, SolidWorks, CATIA V5

Other PCB Design, Embedded OS, RTOS, Microcontrollers, 3D Design

Languages

English Professional level

French Professional level