

Oumayma Trabelssi

WEB DEVELOPER

CONTACT

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PROFESSIONAL SUMMARY

Building creative and innovative back-end solutions for cloud computing and IoT projects is my passion for a while now.

It has been more than a year since I started my career as a web developer using Python to build modern IoT solutions.

Always looking for improving my technical skills and enhancing my experience in developing solid apps with clean code and well-thought-out architectures using recent technologies and tools.

EDUCATION

Engineer cycle at ISSAT Sousse

Sep 2016 - Jul 2019

MPI preparatory cycle at ISSAT Sousse

Sep 2014 - Jul 2016

Experimental science baccalaureate

Sep 2013

LANGUAGES

English Professional skills

French Professional skills

Arabic Native

PROFESSIONAL EXPERIENCES

Web Developer

SOFIA TECHNOLOGIES | Sep 2019 - Present -

COSMOS Project

COSMOS is a Backend IoT solution based on serverless tools used to collect data from devices store it locally and deploy it on API endpoints. **Programming language:** Python

Tools: Eclipse Cloud2edge(Eclipse Hono and Eclipse Ditto), Eclipse Hawkbit, Openfaas, Kong, Kubernetes, Rancher, Mosquitto.

SmartThings Project

Smart Things is an IoT project that helps monitor embedded devices from anywhere, collect their data, and visualize it in real-time. **Tasks:**

- Develop back-end functions on Amazon to communicate the front end part with device's sensors and ensure an end to end data transfer using AWS services like Lambda functions, API Gateway, S3, EC2, SNS, Cognito, DynamoDB, Step Function, CloudFormation, Lora Networks, LoraWAN.

Programming language: Python.

Smart Traffic Project

Smart Traffic is a project based on machine learning used to manage and detect traffic on roads.

Tasks:

- Detect the presence of vehicles on each road lane and count their number in real-time using the TensorFlow Object Detection API to train the Faster-RCNN-Inception-V2-COCO model based on the MIO-TCD database (MIOvision Traffic Camera Datasets).

Programming language: Python.

Formations and Certificates

Business Developer

Skills21 Bootcamp for Tech sales

Tasks:

- Master B2B sales techniques:
 - Sales planning.
 - Lead generation using SalesQL.
 - Cold Emailing.
 - Copywriting, Storytelling, and Negotiation.
- Learn growth hacking techniques:
 - Viral and stunt publications.
 - Inbound and outbound acquisitions.