Ayman BENALI

Engineer in computer systems and decision support.

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Professional Experience

2020-present **Backend Developer**,
Uzerly by CibleClic, Tangier.
- Member of the design and development team of uzerly SaaS plateform.
- Write and create a clean and efficient code for simple or complex tasks.
- Technical tools : NodeJs, ReactJs, ExpressJs, Mysql, Docker, Git, RestApi, cheerioJs, node-schedule, redis...

2018-2020 **Data Scientist Jr**,
MyOpla, Tangier Free Zone.
- Creation of a platform to set up a tool to accelerate the integration of Fedex requests into Gescar ERP - Chabe Group.
- Energy Pack Tracking System - Green Yellow - Group Casino.
- Technical tools : NodeJs, ReactJs, ExpressJs, Mysql, Docker, Git, RestApi.

2018 **Data Scientist Jr (Master Graduation Project)**,
5 month internship, MyOpla, Tangier Free Zone.
- Creation of an algorithmic and mathematical model for the analysis and the processing of the audio files in order to extract arguments necessary to convince the customers to continue their purchases.
- Technical tools: Python, Shell, NodeJs, Pandas, Hadoop, TensorFlow, NLTK, Spacy, SKLearn, TFLearn.

Education

2016–2018 **Master Degree in computer systems and decision support**.
Sciences and technologies Faculty, Tangier.

2013–2016 **Bachelor of Computer Engineering**.
Sciences and technologies Faculty, Tangier.

2012–2013 **Scientific Baccalaureate, Option : Math Science (A)**.
Abi Rabie Sebti, Fnideq.

Projects

2020 **Face recognition system with only a picture**,
Identifying known faces with their names, also detect strangers as unknown and implemented on a Raspberry Pi.
- Technical tools : Python, Sqlite3, smtplib(gmail api), Tkinter, face_recognition, dlib, OpenCv.

2019 **Car Plate Detection System**,
Identifying car plate with a surveillance camera.
Detecting cars, detecting the plates position and extracting information from it (European plates).
- Technical tools : Python, OpenCv, Pandas, numpy, Tensorflow, YOLO V2, pytesseract, openalpr, Tkinter, Sqlite3.

2018 **Electric car project (TÜBİTAK Efficiency Challenge Electric Vehicle)**, *FABLAB, FST Tangier*,
Object detection using classifier-based systems and a learning model (YOLO <You Only Look Once>). Detection and estimation of markings (white lines) from a Kinect camera on the vehicle.
- Technical tools : Python, OpenCv, Pandas, Tensorflow,YOLO V2, Openkinect.

Skills

Development

Programming JavaScript/Typescript, Python.

Web **Frontend** : HTML5, CSS3, JS, TS, ReactJs ...
Backend : ExpressJs, NodeJs, Flask.
Testing : Jest.

Machine Learning & Algorithms

TFLearn, Sklearn, keras, Naive Bayes, SVM, Decision Tree, NLP : NLTK, Spacy.

3D Modeling & Image Processing

Blender, OpenCv, OpenGl, Vuforia, YOLO.

DB Management Systems

MYSQL, PostgreSQL, SQLite.

Languages

Arabic: Native.

English : Intermediate.

French : Bilingual.

Hobbies

Traveling, Basketball, Passion for Technologies and Information Systems.