

# Ayman BENALI

Engineer in computer systems  
and decision support.

AV Med 5, Rue TAN-TAN

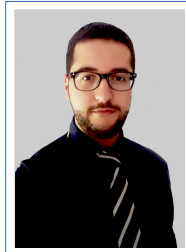
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## Professional career

- 2018-Present **Data Scientist Jr,**  
MyOpla, Tanger Free Zone.
- Creation of a platform to set up a tool to control and accelerate for managing the database.
  - 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, Tanger 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, Tanger.
- 2013–2016 **Bachelor of Computer Engineering.**  
Sciences and technologies Faculty, Tanger.
- 2012–2013 **Scientific Baccalaureate, Option : Math Science (A).**  
Abi Rabie Sebti, Fnideq.

## Projects

- 2020-Present **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, opencv, Tkinter, Sqlite3.
- 2018 **Electric car project (TUBITAK Efficiency Challenge Electric Vehicle),**  
FABLAB, FST Tanger.
- 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.
- Creating a dashboard indicating the speed, the energy consumed, the battery level, the external temperature, time, speed, the circuit, the driving mode (autonomous / normal), the battery temperature.
- Technical tools : Python, OpenCv, Pandas, Tensorflow, YOLO V2, Openkinect

## Skills

### Development

- Programming C/C++/C-Sharp, Java, Python, PHP.
- Mobile Android, React Native.
- Web Frontend : HTML5, CSS3, JS, TS, ReactJs ...
- Backend : Django, Flask, NodeJs.

### 3D Modeling & Image Processing

Blender, Unity, OpenCv, OpenGL, Vuforia, YOLO.

### Machine Learning & Algorithms

TFLearn, Sklearn, keras, Naive Bayes, SVM, Decision Tree, Ada Boost, K-means.

NLP : NLTK, Spacy.

### DB Management Systems

Talend DI, MYSQL, SQLite, Oracle

SQL Server(SSIS, SSAS, SSRS).

## Languages

- Arabic: Native.
- English : Intermediate.

French : Bilingual.

## Hobbies

Traveling, Basketball, Passion for Technologies and Information Systems.