**ACADEMIC HISTORY**

### National School of Computer Science-ENSI

NATIONAL ENGINEERING DEGREE IN COMPUTER SCIENCE

SPECIALTY : ARTIFICIAL INTELLIGENCE

*2019-2022*

### Preparatory Institute for Engineering Studies of Nabeul-IPEIN

BENALI KHAOULA

## *Computer science engineering*

PREPARATORY CYCLE MATH- PHYSICS

### Pioneer High School of Gabes-LPG

MATHEMATICS BACCALAUREATE DIPLOMA

# INTERNSHIPS

### Universymo

#### SUMMER INTERNSHIP II2 , 06 / 2021 - 08 / 2021

*2017-2019*

*2013-2017*

# OBJECTIVE

## *student*

*Development of a smart RADAR application based on Computer Vision.* K***ey words*** *: Python/java/Android Studio/OpenCV/MobileNetSSD.*

### ENSI



*Young motivated and ambitious computer* science student specialized in Artificial

*Intelligence looking for an end-of-studies* internship.

# CONTACT DETAILS

*(+216)42112744*

[*khaoula.benali@ensi-uma.tn*](mailto:khaoula.benali@ensi-uma.tn)

*https://*[*www.linkedin.com/in/khaoula-*](http://www.linkedin.com/in/khaoula-)benali-b43629202/

# SKILLS

***Programming languages*** *: Python / C / C++ / Java / R.*

***Web*** *: html / css / javascript / php.*

***DBMS*** *: Oracle / PL/SQL / MySQL / NoSQL.*

***AI frameworks*** *:Sickit Learn / Keras /*

*Pytorch / OpenCV / Tensorflow / pandas.*

***Other*** *: Problem Solving / Group Work.*

# ACHIEVEMENTS AND AWARDS

Google Cloud Platform Fundamentals certificate. Data Science Math skills certificate.

The Data Scientist Toolbox Certificate.

# SOCIAL LIFE

Member of Robotic Association ENSI. Member of OSSEC ENSI.

# LANGUAGES

English (Professional) French (Professional) Arabic (Native)

German (Basic)

# INTERESTS

*Painting* Reading

#### SUMMER INTERNSHIP II1 , 06 / 2020 - 08 / 2020

*Simulation of a Smart Parking.*

***Key words*** *: Python / MySQL / PyQt5*

# ACADEMIC PROJECTS

### Voice Assistant for Travelers

*Voice Chatbot that offers recommendations/information about most* visited sites, shows location/directions to a chosen destination and translates from English to any other language.

**KEY WORDS** : PYTHON / TENSORFLOW / NLTK / KIVY / VOICE\_RECOGNITION

### Customer Classification system

*Developing multiple models to predict the loyalty of customers to their* banks(Estimating whether the customer is going to leave the bank or

*not)*

K **EY WORDS** : LR / KNN / SVM / DECISION TREES / RANDOM FORESTS / MLPCLASSIFIER.

### Smart door

*An application that recognizes faces and decides whether to open the* door or to keep it closed.

**KEY WORDS** : PYTHON / OPENCV / TKINTER / CNN.

### House Price Prediction

*Analysing the content of a dataset of houses information and developing* a prediction model to predict houses prices

**KEY WORDS** : DATA MINING / CRISP- DM / FE.

# MINI-PROJECTS

##### *- Tunisian GDP prediction :*

*Comparision between Logistic Regression and CNN for the prediction of* Tunisian GDP.

##### *-Maze of covid19 game :*

*Development of 2D game using OOP.*

##### *-Multi-layer perceptron :*

*Direct application of error back-propagation.*

##### *-Garbage collector :*

*Development of a multi-agent system using Netlogo.*