



# HASSAD ZAKARIA

## MASTER'S STUDENT IN MIAGE, LOOKING FOR AN APPRENTICESHIP CONTRACT 2024/2025.

As a student eager to seize a learning opportunity as soon as possible, I am communicative, driven, and equipped with academic and professional experience focused on data and project management. Actively seeking an apprenticeship with a schedule of 2 days at the university and 3 days in a company, this initiative is part of my apprenticeship program at the University of Côte d'Azur.

## CONTACT ME!

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Sophia Antipolis

## ESSENTIAL SKILLS

### PROGRAMMING LANGUAGE

-Python , JavaScript, PHP , R

### Web Development

- HTML, CSS, PHP, JavaScript, Bootstrap

### DATABASES

-MySQL , Oracle Database ,Nosql database .

### BIGDATA

-Hadoop , Spark

### Machine learning :

Apprentissage supervisé (régression linéaire, naïve de BAYES, KNN).  
Apprentissage non supervisé : (k-means, Clustering)

### Data Science Libraries :

NumPY, Matplotlib, Pandas, Seaborn, Sickit-learn, TensorFlow, Keras.

### Data Science:

ETL, Visualisation des données, Data Mining.

### Others

- Manipulation du Raspberry pi  
- Google Workspace  
-Office 365

### DevOps Tools

Connaissance de base sur Docker,Jenkins,Ansible,Git ,Kubernetes .

## LANGUAGES

Arabic: native language

French: fluent

English: intermediate

German: intermediate

## SOFTSKILLS

-Stress management

-Adaptability

-Empathy

-Team spirit

-Curiosité

## MY PASSION

Sports (e.g., bodyboarding, football)

Volunteering

Photography

## UNIVERSITY JOURNEY

### UNIVERSITÉ COTE D'AZUR

**M1** : MASTER IN APPLIED COMPUTER METHODS FOR BUSINESS MANAGEMENT  
2021 - 2022

### HASSAN 2 UNIVERSITY: FACULTY OF SCIENCES AIN CHOCK

-**FORMATION**: Cycle Cyber4D Cybersécurité  
2022 - 2023

-**M2** : SPECIALIZED MASTER IN BIG DATA AND CLOUD COMPUTING  
2022 - 2023

-**M1** : SPECIALIZED MASTER IN BIG DATA AND CLOUD COMPUTING  
2021 - 2022

- **BACHELOR'S DEGREE**: MATHEMATICS AND COMPUTER SCIENCE  
OPTION: Databases  
2020 - 2021

-**DEUG**: MATHEMATICS AND COMPUTER SCIENCE  
2018 - 2020

## PROJECT

### PFE :CREATION OF A WEBSITE FOR MANAGING AN INTELLIGENT HOTEL (IOT)

Creation of a website to manage an intelligent hotel using Raspberry Pi, including managing employees and smart rooms. Data retrieval (CO2 levels, humidity, motion sensor) using sensors and displaying them on the client's space, receptionist's interface.

Technologies: Python, Java Script , PHP , Node Red ...

### PFE : PREDICTION OF IOT SYSTEM FAILURES USING AI METHODS

Using AI models on large datasets to predict failures in IoT systems, then comparing them. Ultimately, drawing conclusions on the most effective models and creating a hybrid model to enhance performance.

## EXPÉRIENCE

### CUSTOMER SERVICE REPRESENTATIVE AT COMDATA, CASABLANCA

July 2019 - September 2019

### CUSTOMER SERVICE REPRESENTATIVE AT COMDATA, CASABLANCA

August 2020 -September 2020