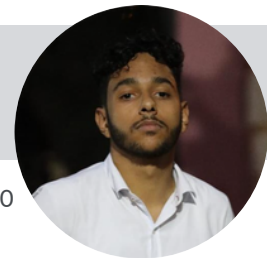# HICHAM MAGHRAOUI
AI CONSULTANT

✉ Hichammaghraoui17@gmail.com   📍 N 34 , Rue 25 , lot sidi abdelrahman , Oulfa, Casablanca   ☎ 0605540010

in https://www.linkedin.com/in/hicham-maghraoui/

https://github.com/hishammaghraoui

TECHNICAL SKILLS

- **Operating system :**

Windows , Linux(Ubuntu - CentOS...) , Windows Server

- **Programming languages :**

C/C++ ,Java, Dart , Python , Bash

- **Web Development :**

Html, Css ,PHP, JavaScript, SPRING Boot .

- **Mobile Development :**

Flutter , Android Studio (Java)

- **Modelization :**

Méthode Merise, UML

- **SGBD :**

SQL, SQLite, MySQL, Firebase ,Mongodb

- **Framework :**

Codeigniter ,Node.js , React , Express.js, Flask , Django ,
Spring Boot , Vue.js , Next.js , Laravel , Bootstrap

- **Cloud / Virtualization:**

VMware, Virtual Box ,GCP ,Digital Ocean , AWS , AZURE

- **DevOps Tools :**

Docker , Kubernetes , Jenkins , git , Terraform , Ansible ,

- **Big Data :**

Spark , Kafka ,Airflow, Prefect, Flume ,Hadoop, Pig , Hive

- **AI/ML Frameworks**

TensorFlow, PyTorch, Scikit-learn, YOLOv5, Hugging Face,
DNA BERT, GENA-LM , GPT ,LAMMA

LANGUAGES

Arabe : Native

Français : Fluent

Anglais : Fluent

HOBBIES

- Photographie.
- Voyage.
- Sports.
- E-sports.

ACTIVITIES EXTRACURRICULAR

- **Google Developers Student Club , lead of Mobile Development**
- **ADEI ENSA Berrechid , Responsable of social media.**
- **NASA Space Apps Challenge , Local Lead Of Casablanca 2023**

SOFT SKILLS :

- Effective Communication
- Team Collaboration
- Leadership Skills
- Time Management
- Problem Solving
- Adaptability

EDUCATION

- **ENGINEERING DIPLOMA: COMPUTER ENGINEERING**
  Berrechid National School of Applied Sciences
  2021 — Currently

- **DUT : SYSTEMS AND NETWORKS ADMINISTRATOR**
  EST Khenifra
  2019 — 2021

- **SCIENTIFIC BAC, MATHEMATICAL SCIENCE A**
  TARIK High School, Khenifra
  2017 —2018

PROFESSIONAL EXPERIENCES

AI SOLUTIONS CONSULTANT

PROCESS AUTOMATION & GENERATIVE AI SPECIALIST

September 2024 - Now

- Intelligent Automation AI Consultant
- AI-Driven Process Innovation Consultant
- Generative AI & Automation Solutions Expert

END OF STUDY AT THE MOROCCAN FOUNDATION FOR ADVANCED SCIENCE, INNOVATION AND RESEARCH

RESEARCH INTERNSHIP IN NGS PLATFORM DEVELOPMENT AND AI-DRIVEN GENOMIC DATA ANALYSIS

February - September 2024

- Automated Genetics Data Processing: Developed and implemented chunking algorithms for efficient data management and parallel processing.
- Implemented AI Models for Genomic Variant Classification: Assisted in developing AI models for precise genetic variant classification, focusing on cancer research.
- Optimized Cloud-Based Data Storage and Analysis: Integrated Azure services for high-performance storage and machine learning applications.

PROJECTS

PLATFORM FOR EXTRACTING MATCH HIGHLIGHTS AND AUTOMATIC COMMENTARY

https://github.com/OthmanMoussaoui/crafteros

-Flask,   OpenAI API   -ElevenLabs API   -OpenCV,

LICENSE PLATE DETECTION MODEL AND PLATFORM FOR MOROCCAN VEHICLES

https://github.com/hishammaghraoui/Moroccan-Car-License-Plate-Detection-Project

-Python   - ReactJS   -YOLOV3   -Node.js

DIALFLOW: MULTILINGUAL AI VOICE ASSISTANT FOR CUSTOMER SUPPORT

https://github.com/IbLahlou/dialflow

-Node.js,- Next.js, -Twilio, -OpenAI, -ElevenLabs,- Firebase

AI PLATFORM FOR ARABIC LANGUAGE BASED ON THE ALLAM MODEL

https://github.com/OthmanMoussaoui/allam_repo

- Python, TensorFlow, Traitement du Langage Naturel (NLP), IBM Watsonx (Allam)

CERTIFICATES

1. **LINUX NDG ESSENTIALS 2022 at the Network Development Group (NDG) & Cisco**
2. **Google IT Automation with Python**
3. **Google UX Design**

HACKATHON & COMPETITION:

1. **Winner of 1st place in Gen-AI powered voice bot hackathon**
2. **Winner of 3rd Huawei ICT Competition Global Phase Cloud Track**
3. **High Speed Hackathon in partnership with ONCF and UM6P**
4. **ARAB YOUTH ANTI-CORRUPTION HACKATHON QATAR 2023**
5. **Hackathon organized by LionsGeek and 2M**
6. **Winner Huawei ICT Competition Regional Phase Cloud Track**