Oussama MOUNAJJIM

Engineering Student

As a passionate engineering student driven by technological innovation, I am actively seeking an engaging internship opportunity to contribute to innovative projects within a technology-focused company. I am eager to collaborate with dynamic teams, utilizing my programming skills, creativity, and leadership to tackle real-world challenges and further develop as an engineer.
I **am available for a six-month internship starting from March 2024.**

Contact Information :

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Programming Languages:

- Python.
- HTML / CSS/ Java script / PHP : Xml.
- Java / Kotlin.
- C++.
- Scilab / Matblab.

Tools:

- Visual Studio Code / Android Studio.
- Figma.
- MacOs, WIndows and Linux.
- Adobe Photoshop, Premier Pro, After Effect et Lightroom et Blender.

Languages:

- **English.**
- **French.**
- **Arabic.**

Certifications:

- Google Project Management by Google
- Scrum Master By LearnQuest
- C++ Course Completed by Sololearn
- HTML Course Completed by Sololearn
- SQL Course Completed by Sololearn
- Microsoft Specialisation by Microsoft

Interests:

- Programming.
- Chess.
- Sports activities (Tennis, Bodybuilding, Badminton, Table Tennis, Basketball, Arm Wrestling).
- Photography & Videography.

Degrees and Education :

- **Feb. 2023 - Present |** Computer Engineering Program at Ecole Centrale Lille, France.
- **Sept. 2021 - Present |** General Engineering Program at Ecole Centrale Casablanca, Morocco.
- **Sept. 2019 - June 2021 |** Two years of preparatory classes at Lycée Technique Errazi in El Jadida, Morocco.
- **Sept. 2018 - June 2019 |** Baccalauréat in Mathematical Sciences A. With honors, from Lycée Mohammed 6 in Casablanca, Morocco.

Professional and Academic Experiences:

- **Development of an Augmented Reality Android Application | Lille, July 2023.**
  - Development of the application using **Android Studio,** utilizing **Kotlin, Java,** and **XML** languages**.**
  - Implementation of **face recognition, real-time translation,** and **conversation summary** features to enhance interactions during forums.
- **Creation of a Website for Communication between Users and Coaches | Lille, June 2023.**
  - Website development using **HTML, CSS, JavaScript, and PHP,** with the use of **Ajax** and **jQuery** libraries.
  - Integration of **MySQL** database and utilization of **PhpMyAdmin** server.
- **Building an Intelligent Environmental Monitoring System based on an IoT Network | CristalLab, Lille, February 2023 - June 2023.**
  - Establishment of an **IoT network** using **ESP32** and sensor integration using the **C++** programming language.
  - Development of a mobile application and a website for visualizing results through **APIs.**
  - Development of a **Machine Learning** model for anomaly detection.
- **Implementation of Robotic Process Automation (RPA) Technology for Automating Repetitive Tasks | CIMR Casablanca, December 2022.**
  - Creation of a robot using **RPA** technology and the **Python** programming language.
  - Deployment of this project within the **CIMR** company.
- **Development of a Website for Student Life Digitalization | École Centrale Casablanca, January 2023.**
  - Development of a reservation website for various school spaces in collaboration with **École Centrale Casablanca** and Newrest.
  - Deployment of this project within **École Centrale Casablanca**.
- **Scientific Article on Self-Supervised Regional Segmentation of CT COVID-19 Images | Casablanca, January 2022.**
  - Creation and evaluation of **TransGAN** and **TransUnet** models for image segmentation to detect **COVID-19**-affected areas.
  - Utilization of Mosmed, **Synapse**, and **CIFAR-10** datasets to assess and compare the performance of **TransGAN** and **GAN** models.

Association Experiences:

- **2022 - 2023:**
  - Deputy Team Leader in the Coding & Development division at **Centrale Tech**.
  - IT and Design Manager at the **Student Office (BDE)**.
  - IT and Design Manager at the **Sports Office (BDS).**
- **2021 - 2022 :**
  - Active Member at **Centrale Tech**.
  - Active Member at **Rotaract Casablanca**.
- **2020 - 2021:**
  - Photographer in the electronic journal **AKHBAR ACHAAB**.