Mamoudou BA

Software Engineer / Data Scientist

A passionate of technology and datas' treatment

First and last name :
Mamoudou BA

Date of birth:
15/11/1995

Adress:
Parcelles Assainies Unité 20 Numéro 108

+221771220539

Mamoudou.ba@um6p.ma

Linkedin : https://bit.ly/3pSkSwH

Github : https://bit.ly/3vU0Djk

Experiences

OCP Africa, Dakar

March 2022– Today | Data Scientist Intern

- Support in deployment of a data collector app named Udongo
- Development of a machine learning model to forecast the use of fertilizer of Senegalese farmers

Technologies: Scikit-learn, Azure DevOps

August 2021– September 2021 | Software Engineer Intern

- Consultation of the digital part of the company in order to give point of improvement
- Designing application for the department of sales and marketing

Polycom Consulting, Remote

March 2021– December 2021 | Software Engineer

- Working with the digital marketing team to support the communication of the exchange forum in Senegal River
- Development and monitoring of the website of the exchange forum

Technologies: WordPress   , Google Ads

École Supérieure Polytechnique (ESP) Dakar, Dakar

June 2020– December 2020 | Software Engineer Intern :

- Development in Jhipster of the modules of absences and pedagogic resources for the Digital Work Environment of the school
- Writing technical specifications of the futures modules of the Digital Work Environment

Technologies: Spring Boot, Angular , Jhipster

The Galsen Geek, Dakar

March 2019– October 2019 | Web Developer:

- Designing application with the digital marketing team
- Working closely with UX/UI and front-end developers in the development of web solutions
- Writing technical specifications

Technologies: Angular, Wordpress

Education

- **2020 - 2022 | Master's degree in Modeling and data science, Mohammed VI Polytechnic University, Morocco**

- **2018-2020 | Master's degree in Software Engineer and Information System, ESP Dakar, Senegal.**

- **2015-2018 | Bachelor's degree in Software Engineering, Dakar Bourguiba University, Senegal**

Languages:

- French
- English : TOEIC, B1 level

Technology and Data's Treatment Skills

- Data Science : Machine Learning , Text Mining , Web Mining

- Computer Languages: Python , Java , Javascript/TypeScript

- Databases : MySQL, Oracle, SQL, PL-SQL

- Frameworks: Angular , Ionic , Spring Boot, Jhipster ,FastAPI

- Others : Docker , Heroku , Azure Machine Learning , HTML-CSS

Interest and activités

- **Member of Mohammed VI Google Developer Student Club as Angular Lead between August 2021 and March 2022**

- **Chairman of Dior High School English Club in 2014 and Vice-Chairman in 2015**

- **Sport & Entertainment : Football , Mangas, Videos Games**