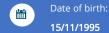


# Mamoudou BA

Software Engineer / Data Scientist

A passionate of technology and datas' treatment











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Github: <a href="https://bit.ly/3vU0Djk">https://bit.ly/3vU0Djk</a>

# **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



#### 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