

Fanta SOUMAHORO

Web-Mobile Developer / Machine Learning Engineer

Education and Training

Academic skills acquired

2022 **Masters in Machine Intelligence**, *African Institute for Mathematical Sciences*, Senegal,
Specializing in Artificial intelligence.

Detailed achievements:

- Machine Learning;
- Computer vision;
- Deep Learning;
- Natural Language Processing;
- Reinforcement Learning

2020–2021 **MSc Mathematical Sciences**, *African Institute for Mathematical Sciences*, Senegal,

Specialized in Big Data.

Detailed achievements:

- Machine Learning/Deep Learning;
- Database and Management System
- Probability and Statistics; Descriptive Analysis for qualitative and quantitative data
- Data Mining and Big Data Analytics

2014–2017 **BSc Mathematics-Computer Science**, *Nangui Abrogoua University*, Abidjan-Cote D'Ivoire,

Specialized Computer Science

Detailed achievements:

- Web Development
- Stock Management
- Accounting
- Computer Network

Experience

Company

1418 Joal Km 2 – Mbour, Senegal

☎ (+221) 781238864 • ☎ (+225) 0779582950

✉ fanta.soumahoro@aims-senegal.org

07/2021- **Web/Mobile developer intern**, NADJI.BI GROUP SENEGAL, Mbour-Senegal
12/2021 This is a six months project with the company for design and development of data collection and visualization applications.

Detailed responsibilities:

- Data manipulation
- Technology:Angular
- language:TypeScript, HTML, CSS, Javascript

University

2020-2021 **University Project**, AFRICAN INSTITUTE FOR MATHEMATICAL SCIENCES., Mbour-Senegal

This is the school projects on python,machine learning and deep Learning.

Projects:

- Machine Translation Challenge
- Detection of credit card fraud
- Energy consumption prediction change
- Hexadecimal and Decimal Digits
- Animal Classification

Certifications

15/07/2021	Machine learning in python with scikit-learn	<i>proposed by Inria and published on the platform FUN</i>
20/03/2021	Coding Intro	<i>IBM</i>
13/04/2021	Data Science and Analytics Intro	<i>IBM</i>
28/05/2021	Cloud Intro	<i>IBM</i>
11/06/2021	Tools for Data Science	<i>Coursera</i>
14/04/2021	Introduction to Big Data	<i>Coursera</i>
17/01/2021	Learn about Machine Learning	<i>Openclassroom</i>

Awards

2022	African Masters in Machine Intelligence	<i>fully funded by Facebook & Google.</i>
2020	African Institute for Mathematical Sciences	<i>Fully funded masters scholarship</i>

Computer skills

Basic	Hadoop,MongoDB, Postgres
Intermediate	PyTorch,PySpark
Advanced	PYTHON,TensorFlow, Keras ,CSS, HTML, \LaTeX ,SQL,Angular,Flutter,JAVASCRIPT

Communication Skills

2021	Oral Presentations at the African Institute for Mathematical Sciences
2020	Project presentation at Nadji.Bi Group Senegal

Languages

French Proficient
English Intermediate

Conversationally & grammatically

Interests

- Reading
- Sport
- Network
- cooking

References

Dr. Mouhammadou Lamine BA, LECTURER: DATABASES (ADMINISTRATION AND DISTRIBUTION), BUSINESS INTELLIGENCE, Alioune DIOP University of Bambey, Senegal

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Dr. Seydou Nourou Sylla, DATA SCIENTIST | ACADEMIC DIRECTOR , Dakar Institute of Technology, Sénégal

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