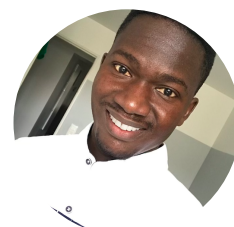# MAMADOU KANE

DATA SCIENTIST | DATA ENGINEER

With a master's degree in data science, I am looking for a permanent contract (CDI) as a data scientist / data engineer , with the intention of starting in October 2024.

✉ mamadoukane233@gmail.com   🌐 Mobility: France - Bruxelles   ⚑ Senegalese
in Linkedin   ○ Github   ☎ +33 753776607

EDUCATION

Master: Data Exploration and Decision-Making (EID2)
Sorbonne Paris Nord University

📅 2022 -2024   📍 Paris, France

Courses: Machine learning, Deep Learning, Business Intelligence, etc.

Bachelor's degrees: Computer science
Sorbonne Paris Nord University

📅 2019-2022   📍 Paris, France

Courses: Software engineering, Mathematics, Statistics, Data analysis etc.

EXPERIENCE

Robotics programming & Data intern
MSN

📅 May - July 2022   📍 Paris, France

- Program the movement of a robotic arm which will help gain precision in carpal tunnel surgery
- In collaboration with a surgeon and M2 data scientist students.

Tools: Arduino, mechanics, Git, SCRUM, etc.

Data scientist
FRANFINANCE

📅 April - September 2024   📍 Nanterre, France

- Analysis of existing data (structured and unstructured), implementation of incoming data flows
- Implementation of NLP techniques
- Building predictive score models using Deep Learning
- Evaluation of scores

Tools: PyTorch, ETL, GitLab, Mlflow, etc.

ACADEMIC & PERSONAL PROJECTS

Movie recommendation system & comparison of dimensionality reduction methods
Tools: Python (scikit-learn + Pandas …) , PCA, LLE, LDA , NLP (TF-IDF)

Recommend a movie based on movies watched. This involves preprocessing the data, reducing dimensions, vectorizing text. ○ View on Github

Prediction of bank loan defaults
Tools: Classification: Python, Sklearn, Matplotlib, Numpy, Streamlit, joblib

Build a machine learning model that predicts whether a customer will default on the bank loan or not based on the characteristics provided.
Data Cleaning, Exploratory Data Analysis, Features Engineering, ML Models, Cross-validation, Optimization, Deployment 🌐 View website or Github

Data Engineering & Dashboard creation
Tools: SQL Server, MS AZURE, PySpark, Power BI, Databricks

Extract - Transform - Load. Build KPI and create dashboard.

SKILLS

Hard skills

Programming Languages
Python | Java | C | PHP | SQL | JavaScript | R | PL/SQL | HTML/CSS

Libraries
Numpy | Matplotlib | Pandas | Scikit-Learn | Scipy | Spacy | PySpark | TensorFlow | PyTorch | opencv-python | Airflow | FastApi | etc.

Software engineering
React JS | Git | Docker | etc

Database Management System
MySQL | PostgreSQL | Oracle | MongoDB

Cloud computing & Softwares
MS AZURE | AWS | SAS | Databricks

Expertise

Data understanding | Data cleaning | Data preparation | Data visualization | Data pipelines (ETL) | Dashboard creation | Build and deploy Machine learning models | Agile methodology

Soft Skills

Collaborative | Good relationship | Autonomy | Adaptability

LANGUAGES

French : Native
English : Professional

INTERESTS

Football
Gaming