PAPA SEYDOU WANE

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https://github.com/SeydouWane/
Mbour, Grand Mbour, Sénégal

PERSONAL INFORMATION
- **Age: 26 years old**
- **Nationality: Senegalese**
- **Marital Status: Single, no children**
- **Driver's License: A1B**

SKILLS

- Databases: SQL, NoSQL
- Cloud AWS: Enrollment and management of learners on AWS Educate, AWS Cloud training
- Visualization and Reporting: Creation of dynamic reports with Microsoft Power BI and Excel
- ETL (Extract, Transform, Load): Use of SSIS and Pentaho
- Machine Learning & Deep Learning: Modeling and training of predictive models with scikit-learn, creation of deep neural networks with TensorFlow and PyTorch
- Python & Data Science: Data analysis and automation with Pandas, Matplotlib, and Scikit-learn

LANGUAGES

French
- Spoken, Read, Written
- Native Language

English
- Spoken, Read, Written
- Academic Language

EXPERIENCES

OCTOBER 2024 -
Present

DATA ENGINEER INTERN - FORCE-N
- Monitoring of key performance indicators
- Data collection and preprocessing
- Implementation of data pipelines (Visual Studio - SQL Server Integration Services)
- Development of dynamic dashboards (Power BI)

MAY 2024 –
Present

IT TRAINER (Freelance)

Trainer at GROW ACADEMY
- Conducted training sessions on Excel and Power BI Desktop
- Delivered Data Analytics courses using Python
- Facilitated the acquisition of certificates and certifications on online learning platforms

Reference: Manager Grow Academy, Mah Savané KEITA (mah@growstrategyzer.com)

2022-2023

IT ASSISTANT - LYCEE DEMBA DIOP

Managed the IT lab resources :
- Handled data entry of grades and exam results
- Coordinated digital resources for the institution
- Trained teachers on scientific document processing
- Assisted students in finding competitions

COMPETITIONS

SEPT 2024

Participation in Deep Learning INDABA 2024

Participated in the 6th edition of Deep Learning INDABA
- Ranked 17th individually in the LLM Hackathon
- Ranked 23rd as a team in the NLP challenge

Huawei ICT Competition Senegal - CLOUD TRACK
- **1st Place (Tie) in the Preliminary Exam**
- **2nd Place in the National Finals**

MARCH 2024

Represented Senegal in Tunisia
- Created services on Huawei Cloud
- Deployed projects on Huawei Cloud
- Performed data analysis using Data Analyst services
- Optimized performance with AI services

RECENT PROJECTS 🔗 GitHub Repository

- **Development of an Intelligent Algorithm for Blood Smears from a Tuberculosis Patient**
  - Data collection
  - Implementation of a denoising algorithm
  - Data annotation using Roboflow
  - Extraction of annotated data
  - Development of a detection algorithm

- **Development of an Educational Chatbot for Answering User Questions Based on Training Modules from PDF Files.**
  - Key Point Extraction: Utilized scikit-learn and KMeans for extracting key points from training modules
  - OpenAI API Integration: Generated educational responses based on module content using OpenAI API
  - Web Interface: Designed a user-friendly web interface using Flask with a frontend developed in HTML/CSS

EDUCATION

- 2021-2024

  ### Master's in Big Data Analytics
  Université Numérique Cheikh Hamidou Kane (formerly UVS)

    - Artificial Neural Networks and Deep Learning
    - Data Processing with QGIS, R, and Python
    - NoSQL Databases
    - Machine Learning
    - Advanced Functional Programming (Scala, Spark, Hadoop, MapReduce)

- 2018-2021

  ### Bachelor's in Applied Mathematics and Computer Science
  Université Numérique Cheikh Hamidou Kane (formerly UVS)

    - Object-Oriented Programming (OOP) and Python
    - Programming in Java and PHP

    Final Year Project: Development of a Clinic Management Platform

- July 2018

  ### High School Diploma - Experimental Science (S2)
  Lycée Demba DIOP Mbour

    - High School Diploma - Experimental Science (S2)

CERTIFICATIONS

- AWS Academy Educator
- Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate
- Certificate Fundamentals of Deep Learning / NVIDIA
- Oracle Cloud Infrastructure 2024 Generative AI Professional (1Z0-1127-24)
- Computer Vsion / Kaggle
- Generative AI Overview for Project Managers / PMI
- The Basics of Scrum / PMI
- Introduction to OpenStack and Kubernetes Orchestrators / Coursera
- DevOps on AWS Code Build and Test / Coursera
- Google Cloud Big Data and Machine Learning / Coursera
- Data Analysis / FORCE-N
- HCIA-Big Data V3.5 Course / HUAWEI
- HCIA-IA V3 Course / HUAWEI
- Traitement de données Niveau 2 / FORCE-N