ABDOU AZIZ DIOP

Data Scientist

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A PROPOS

I have certain undeniable qualities of work as well as an immoderate pension for math and computer science and an ease of communication. I'm a person who is willing and tenacious in my work. Motivation, rigor and listening are the key words of my behavior.

EDUCATION

M.Sc. Data Transmission and Information System
University Cheikh Anta Diop (UCAD)
📅 September 2018 –December 2019 📍 Senegal,Dakar

M.Sc. in Mathematics et Application
University of Thiés(UT)
📅 May 2015 –March 2017 📍 Senegal,Thiés
Thesis -Rank Based Cryptography Encryption and Signature . Mention **Very Good**

B.Sc. in Mathematics and Computer Science
University of Thiés (UT)
📅 October 2013 –August 2015 📍 Senegal, Thiés

EXPERIENCE

Software Engineer /Data scientist
Baamtu, Datamation
📅 January 2020 –August 2020 📍 Senegal,Dakar

Ganeyi Compliance
• Web application to manage customer file compliance with Spring Boot Angular , JWT
•Deep Learning API to classify folders
•RPA (Automagica) processes tasks automatically
•OCR extracting information from documents
•Consolidate a base from the extracted information

Ganeyi
•Dashboard to consult the traffic on the OCR API
•Angular , HighCharts

Software Engineer

Finlence
📅 November 2019 –December 2019 📍 Senegal,Dakar
•Contribute to the delivery and support of integration projects for the customer

•Contribute to the development and testing phases of integration projects

•Conception technique , implementation ,tests assistance à la mise en production , support et gestion de projets

•Application for sending SMS/email notifications and alerts (SMTP , Sms Gateway)

CERTIFICATIONS

🏆 **Machine Learning**
Logistic Regression
Artificial Neural Network
ML Algorithms
Machine learning

🏆 **Deep Learning specialization**
Neural Network and Deep Learning
Improving Deep Neural Networks:
 Hyper parameter tuning ,
Regularization and Optimization
Structuring Machine learning Project
Convolutional Neural Networks
Sequences Models

🏆 **Tensorflow Developer specialization**

TECHNICAL SKILLS

• **languages:** Python
Java , Type Script ,Java script ,
XML

• **Deep Learning Packages :** Tensorflow , Keras

• **Docker**

• **Database :** SQL language SQL Server MongoDB Oracle

•**Spring :** Spring batch , Spring Boot Spring Cloud , Micro-service

•**Framework :** Maven , JSF , JSP , EJB Primefaces , JPA , Jhipster , Web Services

•**Système d'exploitation: Linux , Windows**

• **Modern Natural Language Processing** •
Machine Learning Algorithms and Deep Learning

• **Image Analysis , Rasa Framework**

• **DevOps: Jenkins , Git , SonarQube , Nexus , Redmine**

• **RPA :** Automagica , Uipath

• **Cortex , Flask**

• **Numpy , Pandas , Scikit Learn**

PROJECTS

LANGUAGES

Project 1

Sentiment Analysis :To Vaccinate or Not to Vaccinate (COVID-19)
•The objective of this project is to develop a model of learning

automatic to evaluate if a twitter publication related to vaccination

is positive or negative

Project 2

Poems on Maodo

📅 1 week
• An NLP model to generate poems on El Hadji Malick Sy

Project 3

Platform for predicting the price of a painting

📅 1 week
•Web scraping to get a dataset on sales prices
•Define different models for prediction

 Flask Web

Project 4

Devops

📅 1 week
•Implementation of a continuous integration environment with
Jenkins , Git , Github , SonarQube , Nexus , Maven

Project 5

Spring Batch

📅 1 week
•Transaction batch processing from a csv file, write to a MySQL
database

Project 6

ChatBot Seq2seq and Rasa NLU

📅 2 week
•Chatbot Seq2seq
.Chatbot Rasa NLU
Evaluer la performance deux chatbots

French   ○ ○ ○ ○ ○

English   ○ ○ ○ ○ ○