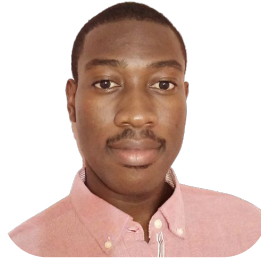



JOSEPH KONKA

Data Analyst

Data science enthusiast with over three years experience as Data Scientist and Data Analyst, open to Data positions..



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github.com/joekakone 

Autonomy - Taking initiative - Leadership

EMPLOYMENT HISTORY

AD HOC ANALYTICS OFFICER

TOGOCOM, Lomé, Togo | **February 2022 - Now**

- Updated several existing ETL regard SQL best practices and developed new ones.
- I've introduced a PL/PGSQL template for ETL.
- As the principal Power BI developer, I've migrated several existing Excel reports to Power BI and developed new ones.
- deployed and managed the local Power BI Report Server and the online Power BI Service.
- Provide bases for bulks and datasets for analysis
- Develop several datamarts for CVM team
- Design and develop Mobile Money datamarts
- Engaged team to adopt Git and Github for versioning and team collaboration
- Support Planning team providing datasets for business cases
- Perform Ad Hoc analysis (the main mission)

Tools : Excel, SQL, Power BI, Talend, Python

JUNIOR DATA SCIENTIST

RINTIO, Cotonou, Bénin | **May 2020 - January 2022**

- Implemented end-to-end pipeline for image captioning from data integration to production for a medical project
- Used Tensorflow Serving to deploy models all encapsulated in Docker Containers
- Design Flask API to expose models for applications
- Used Gradio to design web interface for model making easy test debugging and demo
- Contributed to several Python projects
- Contribution à des projets Backend Python
- Collected data online using web scraping
- Prepared and executed manual tests.

Tools : Python, Tensorflow, Flask, Docker, Bs4, Git

TRAINEE DATA SCIENTIST

RINTIO, Cotonou, Bénin | **November 2019 - May 2020**

- First professional experience, learnt in depth Git, Linux, Python, Flask, Tensorflow, DevOps, Agility
- Upgraded tensorflow existing project to the high level API Keras
- Upgraded tensorflow existing project to the high level API Keras

Tools : Python, Pandas, Bokeh, Tensorflow

SKILLS

Programming Languages

Python, R, C, Bash, PL/PGSQL

Databases

SQL, SQLite, PostgreSQL, SQL Server

Business Intelligence

Tableau, Excel, Power BI, DAX, Talend

Web Scraping

BeautifulSoup, Scrapy, Selenium

Data Analysis

Numpy, Pandas, Statsmodels, Dask, PySpark

Data Visualization

Matplotlib, Seaborn, Plotly, Bokeh

Machine Learning

Scikit-learn, Mlxtend, Tensorflow/Keras

Web Development

Flask, Gradio, HTML & CSS

Continuous Integration

Git, GitHub, GitLab, Docker

Cloud

Heroku, Azure, AWS

Office & Création

Microsoft Office, G Suite, Libre Office, Canva

EDUCATION

BACHELOR'S IN MATHEMATICS

Université de Lomé (Togo) | 2016 - 2019

SCIENTIFIC BACCALAUREATE Part II

Lycée d'Agoè-Nyivé Centre (Togo) | 2015 - 2016

SCIENTIFIC BACCALAURÉAT Part I

Lycée d'Agoè-Nyivé Centre (Togo) | 2013 - 2015

BEPC

CPL Le Phénix (Togo) | 2009 - 2013

CEPD

EPL La Prévoyance (Togo) | 2003 - 2009

ONLINE TRAINING

Data Analysis with Python

freeCodeCamp | December 2021

Maîtriser l'analyse de données avec Power BI

Linkedin Learning | November 2021

Devenir analyste de données

Linkedin Learning | April 2021

PCAP: Programming Essentials In Python

Cisco Networking Academy | November 2020

Initiation à la Data Science (Bootcamp)

Africa Tech Up Tour | July 2019

PERSONAL PROJECTS

Ecowas Covid19 Tracker

Ecowas Covid19 Tracker is an interactive web dashboard which provides the latest Covid19 insights for ECOWAS countries.

Tools: Python, Pandas, Bokeh, HTML&CSS

Assemblée Nationale Française

Web Dashboard showing France's parliament insights (built with Bokeh package and deployed on Heroku)

Tools: Python, Pandas, Bokeh, HTML&CSS, Bootstrap

Palmarès Ballon d'Or France Footabll

A data storytelling of the France Football Ballon d'Or palmares since the creation of the prize.

Tools: Pandas, Tableau

ECOWAS Economic Statistics Report 2020

EESR is a summary report showing economics insights for ECOWAS countries.

- Retrieved data using web scraping
- Cleaned data with Pandas
- created visualization with Tableau

Tools: Python, Pandas, Tableau

EmploiTogo Jobs Tracker

Jobs Tracker is a Python robot which browses job offers on EmploiTogo.info and send via mail a list of matching offers based on keywords.

- Retrieve jobs offers using web scraping
- Identify jobs offers containing keywords
- Send jobs offers list viar mail

Tools: Python, BeautifulSoup

CERTIFICATIONS

Microsoft Azure Fundamentals

Microsoft | November 2021

Microsoft Azure AI Fundamentals

Microsoft | November 2021

Microsoft Azure Data Fundamentals

Microsoft | January 2022

Microsoft Power BI Data Analyst Associate

Microsoft | October 2022

Microsoft Power Platform Fundamentals

Microsoft | October 2022

Information Technology Specialist Python

PearsonVue | October 2022

Microsoft Azure Data Scientist Associate

Microsoft | February 2023

LANGUAGES

French

Level : Native

English

Level : Professional

SOFT SKILLS

- Curiosity
- Availability
- Taking Initiative
- Collaboration
- Technical Leadership

OTHER ACTIVITIES

Algo Jungle (joekakone.github.io/algojungle)

Data evangelism project about IT

- Publish contents on social networks
- Host online events about Python and Data
- Create videos for YouTube channel
- Develop resources through Algo Jungle website
- Create several tutorials on GitHub

HOBBIES

Music

Technical Writing

Video Games

Geopolitic

Science & Philosophy