**Joseph Nkumah**

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**Profile**

A dedicated and enthusiastic MSc graduate in Sports Performance Analysis (Analytics). With significant employment and voluntary experience. I can work to a very high standard using my own initiative or as part of the team. Ability to communicate with a variety of people and manage them with my leadership skills.

**Education & Qualifications**

Cardiff Metropolitan University, Wales 2017-2019

**MSc Sports Performance Analysis (Analytics)**

* Developed the ability to integrate software systems with databases.
* Gained knowledge of software system principles.
* Development of writing skills and methodologies through reporting research essays.
* Used sport professional software Nacsport and Sport code to collect sport data for analysis.
* Developed programs and analyzed data using MATLAB.
* Utilized Excel and Tableau for visualization.
* Used SPSS to develop models and predict outcomes.
* Used UCINET and SOCNETV to conduct social network analysis experiments.
* Dissertation project topic: Network Analysis of the top four teams in the English Premier League.

Bingham University, Nigeria 2011-2015

**BSc Computer Science (2.1)**

* Dissertation topic: Web Development of a School Football Team.
* Developed the ability to create programs with programming languages such as QBasic, Java and C++.
* Designed and managed websites using HTML, PHP, and MySQL.

**Employment**

**Web/Software Development Instructor**  November 2020-January 2021

El Academy

* Training and preparing students for internship in El Academy.
* Solve complex problems using Python programming language.
* Relay knowledge of front end and back end development tools to develop individuals in web development.
* Teach programming languages such as HTML, CSS, Javascript, PHP and Python to students and develop or improve their programming skills.

**Data Scientist (Intern)**  July 2020-August 2020

Hash Analytic, United Kingdom.

* Manage master data set, develop reports, and troubleshoot data issues.
* Remote work with data science professionals to understand data, develop models and predict outcomes.
* Analysis of data to answer complicated questions from data provided.
* Using Python and Tableau to visualize data for excellent presentation.
* Using Machine Learning techniques to train and test models for best fit.

**Data Scientist (Intern)**  June 2020-September 2020

DataLab, Nigeria.

* Collected, interpreted & analyzed data to generate insights and forecast based on trends.
* Built algorithms, design experiments, and analyze data to drive optimization and improvement of product development, marketing techniques, and business strategies.
* Assessed the effectiveness and accuracy of new data sources and data gathering techniques.
* Used machine learning tools, predictive modeling, and statistical techniques to produce solutions to problems and optimize business outcomes.
* Identified patterns and trends in data sets.

**Software Programmer (Intern)**  January 2020-April 2020

NanoMatriX, Hong Kong.

* Assisted in designing and developing high-quality interactive UI for mobile and desktop users.
* Assisted in the developing web and mobile applications.
* Communicated with designers and sales to meet content and functional requirements.
* Program, application testing and implementation.
* Applied and improved best practices in coding and documentation for quality assurance.
* Prepared system documentation and conduct program performance tests to assure optimal
* performance across multiple browsers and operating systems.
* Used AWS services to develop models, train data and carry out deployment.

**Assistant lecturer** 2015-2016

Federal College of Education (Technical), Nigeria.

* Awarded the Certificate of National Youth Service Corps (NYSC).
* Served as assistant lecturer and taught computer science to students.
* Assisted colleagues with the preparation of test and examination papers.
* Invigilated examinations and was given the responsibility of marking assignments, tests and examination scripts.
* Assisted the Computer Science Head of Department with projects for the faculty.

**Equipment Supervisor** 2014

Capital FM, 92.9, Nigeria

* A six-month internship at a radio station in my third year of university.
* Given responsibility to supervise equipment used for transmitting signals.
* Assisted colleagues in developing a website for the radio station.

**Professional Training**

**El Academy** September 2020-November 2020

Python Programming Language

**Bincom Academy** September 2020-October 2020

Digital Marketing

**Licenses and Certificates**

**Cousera - IBM**  June 2020

Data Analysis with Python

**LinkedIn**  August 2020

HTML Essential Training

No Expiration Date

**LinkedIn**  August 2020

CSS Essential Training

No Expiration Date

**LinkedIn**  August 2020

Marketing Foundations: Automation

No Expiration Date

**LinkedIn**  August 2020

Marketing Tools: Automation

No Expiration Date

**LinkedIn**  August 2020

SEO Foundations

No Expiration Date

**LinkedIn**  August 2020

Shopify Essential Training

No Expiration Date

**Google**  August 2020

Google Analytics for Beginners

Expires August 2023

**Google**  August 2020

Advanced Google Analytics

Expires August 2023

**Skills**

**Industry Knowledge**

* Research
* Data Analysis
* Data Modeling
* Data Visualization
* Brand Management
* Digital Marketing
* Search Engine Optimization (SEO)
* Machine Learning
* E-commerce
* Front-end Development
* Web Design

**Tools and Technologies**

* Microsoft PowerPoint
* MATLAB
* SPSS
* Microsoft Excel
* Amazon Web Services (AWS)
* AWS SageMaker
* WordPress
* Python (Programming Language)
* Google Analytics
* ActiveCampaign
* HubSpot
* MailChimp
* Tableau
* Shopify
* HTML
* Cascading Style Sheets (CSS)

**Interpersonal Skills**

* Teamwork
* Leadership

**Other Skills**

* Data Analytics
* Social Network Analysis
* UCINET
* Linear Regression
* Correlation Analysis
* Small Business Marketing
* Marketing Automation
* Sports data analytics
* Amazon Fraud Detector

**Voluntary Work**

**Head Coach** 2017-2019

Cardiff Metropolitan University International Football Team, Wales

* Developed the ability to be a leader as I organize training schedules and prepare the team for games.
* Given the responsibility to coach the International football team of Cardiff Metropolitan University.
* Improvised training drills and programs to aid the team’s development.
* Motivated players to improve individually and as a team.

References available on request.