

ABDUL-RAZARK BAWA

Data Analyst

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SUMMARY

Data Analyst/ Researcher with substantial work experience in Data Mining, Data Visualisation, Machine Learning, and other related technologies. I have a proven track record of conducting research, analyzing, and visualizing data to support cutting-edge decision-making leveraging tools such as Python, Excel, and other BI tools. Data enthusiasts focus on solving problems, improving customer satisfaction, and driving overall operational improvement. I am seeking a full-time role as a Data Analyst/ Data Annotation specialist.

EXPERIENCE

Production Associate

Tesla Inc

2022 Germany

Sustainable Energy Solutions

- Uses Eines hand held measuring gauge to capture vehicles gap/flush data for analysis to ensure overall body fit and finish
- Operate Kuka and Fanuc robots at the Closures and Main Line for production and assembly of vehicles
- Work in collaboration with various teams at the Final Line to assemble Model Y vehicles

Data Analyst (Student Intern)

Modis / Adecco

2021 Germany Berlin

Workforce solution and talent management

- Analysed Applicants Tracking System (ATS) data from brands using statistical techniques
- Collaborated with Data Engineers and IT counterparts to understand existing data quality and availability of data assets
- Produce and design dashboards to highlight and track key performance indicators (KPIs)
- Engaged in meetings with various teams to prioritise business information needs and other related matters

Researcher/Data Analyst

Fair Wages and Salaries Commission

2015 - 2021 Ghana

Salary Administration, Research and Job Evaluation

- Used Power BI and other tools to explore insights from payroll data and other data sources to support cutting-edge decision-making
- Resolved salary disproportions by using Lorenz curve model
- Run various scenarios on minimum wage and base pay to help government plan its wage bill threshold
- Undertook job evaluation by collecting compensable factors on skills using job content questionnaire and analysed the data to determine the relative worth of different skills/jobs in an institution
- Proposed controls to avoid recurrent payroll losses and save government cost
- Applied machine learning concepts in modelling salary levels of employees

SKILLS

Python Power BI HTML5/CSS

SQL Advance Excel ML Specialist

Research/ SPSS Oracle / Azure Cloud

EDUCATION

MSc. Data Analytics and Information Systems Management

Arden University Berlin Campus

2020 - 2021 Germany - Berlin

Computer Science

Kwame Nkrumah University of Science and Technology, Kumasi

2006 - 2010 Ghana - Kumasi

PROJECTS

KPMG Ghana

10/2015 - 11/2015 Ghana

Captured and analysed survey responses from various REP stakeholders and reported the results using SPSS

- 450 responses from Enterprises
- 100 responses from Households
- 90 responses from Local Business Associations
- 24 responses from Business Advisory Centers and
- 30 responses from District Assemblies

Committee on Emoluments

01/2016 - 08/2016 Ghana

Researched and proposed recommendations on emoluments of high office holders

- Researched and analysed data on salaries, facilities and privileges to guide the determination of emoluments of high office holders
- Helped establish appropriate relativities within the salaries of high office holders
- Coordinated meetings and all other relevant projects and programs

LANGUAGES

English

Proficient



Deutsche

Beginner



EXPERIENCE

Research Analyst

Fair Wages and Salaries Commission

2011 - 2014 Ghana

Salary Administration, Research and Job Evaluation

- Researched best practices in salary administration to support the implementation of government pay policy
- Coordinated and collaborated with different research institutions to embark on major research projects
- Applied in-depth knowledge and experience in statistics and data mining for data synthesis, labor market survey and data cleaning
- Engaged and collaborated with institutions to submit payroll data for analysis and validation for smooth transition to a new salary structure
- Compiled metrics on key projects to help track key performance indicators

Tutor

Phantom Technologies Company Ltd

2014 - 2019 Ghana

Provides hands-on IT training program

- Facilitated an Oracle Database Administration training for students and other interest groups

PASSION AND INTEREST

 Machine Learning / Big Data / AI/IoT/ 5G/Data Wrangling

 Research / Statistics / Entrepreneurship/programming

REFERENCES

Former Chief Executive

Mr. George Smith Graham

Fair Wages and Salaries Commission gsmithgraham@gmail.com

Associate Lecturer of Computing

Mr. William Baker Morrison

Arden University

wmorrison@arden.ac.uk

TRAINING / COURSES

Introduction to IoT - April 2023

Cisco Networking Academy

Oracle Machine Learning using Autonomous Database Certified Specialist - 2022

Oracle Inc

Oracle Cloud Infrastructure Foundations Certified Associate - 2022

Oracle Inc

Data Mining With Python -2021

Purple

Complete Python Developer: Zero to Mastery online course -2021

Udemy

People Analytics 101: HR Analytics Masters with Excel, Python and R -2022

Udemy

Postgres SQL Enssential Training - 2021

LinkedIn

Data Visulisation Story Telling - 2021

LinkedIn