CHESHI EMMANUEL DANJUMA

CONTACT

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OBJECTIVE

A versatile Freelance Researcher, Data Analyst, and Data Scientist with over 5 years of experience in both Quantitative and Qualitative research. My expertise spans Python programming, machine learning, data collection, and analysis. I seek to leverage my skills in a dynamic organization that values growth and innovation, where I can contribute to enhancing productivity and reputation.

SKILLS

- Quantitative and Qualitative Research
- Data Analysis
- Python Programming
- Microsoft Office
- Microsoft PowerPoint
- IBM SPSS
- Atlas TI
- Microsoft Excel
- Public Speaking
- Teaching and Training
- Transcription
- Machine Learning
- Microsoft Power BI
- SQL
- Data Collection
- Data Entry

LANGUAGE

- English
- Hausa
- Gbagyi
- Pidgin

EXPERIENCE

BLUEHOUSE TECHNOLOGIES
January, 2024 - Present
Lead Data Scientist
- Spearheading the design, development, and deployment of machine learning models tailored to business needs, ensuring alignment with strategic objectives.
- Managing and enhancing data quality initiatives, ensuring accuracy and reliability in data-driven decision-making processes.
- Providing mentorship to junior data scientists, fostering professional growth and maintaining a high standard of technical excellence across the team.

TECH SISI
July 2024 - Present
Data Analytics Mentor
- Leading remote training programs in Microsoft Excel, Power BI, SQL, Python, and Machine Learning, integrating real-world scenarios to enhance practical understanding.
- Developing a curriculum that balances theoretical knowledge with hands-on projects, ensuring students acquire both the skills and confidence needed for career success.
- Conducting interactive problem-solving sessions and case studies, enabling students to apply their learning to real-life challenges.

CORESTREAM NIGERIA
June, 2024 - Present
Data Analysis Instructor
- Delivered comprehensive instruction in data analytics, focusing on the practical application of tools such as Excel, Power BI, SQL, and Python.
- Facilitated project-based learning, guiding students through real-world data analysis projects from data collection to result interpretation.
- Collaborated with students to enhance their analytical skills, preparing them for successful careers in data-driven roles.

10ALYTICS ED-TECHh HUB
July, 2023 - November, 2023
Full Stack Data Science Facilitator
- Instructed fellows on the complete data science pipeline, from data collection and preprocessing to model development and deployment.
- Provided detailed training in Python programming, with a focus on key libraries like Pandas, NumPy, and Scikit-learn.
- Guided fellows in performance monitoring and optimization of deployed models, ensuring ongoing accuracy and effectiveness.

CODE PLATEAU HUB
September, 2022 - January, 2024
Data Science Instructor
- Delivered in-depth education on Python programming and data science frameworks, including TensorFlow and Scikit-learn, through hands-on projects.
- Fostered critical thinking and problem-solving skills among students, equipping them to tackle complex data science challenges.
- Mentored students individually, providing personalized guidance to help them succeed in their data science careers.

CYPA AFRICA AND EQUITY INTERNATIONAL INITIATIVE
February, 2023 - March, 2023
Data Analyst
- Analyzed and visualized real-time election data during the 2023 General Elections, providing actionable insights and comprehensive reports.
- Collated and validated large datasets, ensuring the accuracy and integrity of the data presented to stakeholders.
- Played a key role in the development of data-driven strategies to improve the transparency and efficiency of the election monitoring process.

CAFOD UK
March, 2020 - May, 2022
Researcher & Data Analyst
- Conducted qualitative research on peacebuilding initiatives in Jos-North, analyzing the impact of religious conflicts and proposing actionable solutions.
- Utilized Atlas.ti and other qualitative tools to analyze data, transforming complex findings into clear, actionable insights.

• Presented research findings to stakeholders, contributing to the development of peacebuilding strategies and initiatives.

PRECIOUS PRINCE AND PRINCESS MONTESSORI SCHOOL
Academic Staff

January, 2017 - December, 2017

• Taught Chemistry, Geography, and Mathematics to Senior Secondary students, consistently achieving high academic performance among students.
• Developed and implemented lesson plans tailored to diverse learning needs, ensuring all students had the opportunity to succeed.
• Provided mentorship and academic support, helping students to excel in national examinations.

QUINTESSENTIAL HEALTHCARE CENTER
Social Worker Intern

April, 2015 - October, 2015

• Conducted therapy sessions with patients suffering from substance abuse disorders, helping them reintegrate into society.
• Developed and implemented personalized treatment plans in collaboration with patients, focusing on long-term recovery and rehabilitation.
• Monitored patient progress and adjusted treatment plans as necessary, ensuring each patient received the care needed to achieve full functionality.

DAISYLAND ORTHOPAEDIC AND TRAUMA HOSPITAL
Occupational Therapist Intern

February, 2014 - August, 2014

• Assisted accident victims with therapeutic exercises designed to restore physical function post-surgery.
• Worked closely with orthopedic surgeons to develop individualized rehabilitation plans tailored to each patient's recovery needs.
• Monitored patient progress, providing encouragement and support to help them achieve full recovery.

EDUCATION

University of Jos
PGD General and Applied Psychology

2020

University of Jos
Rehabilitation Sciences

2016

Divine Grace High School Jos
West Africa Senior School Certificate

2012

University of Jos Primary School
First School Leaving Certificate

2005

PROJECTS

Text To Speech Converter
A web application that converts input text to speech in over 10 official languages. The app also provides text output in the selected language, making it versatile for multilingual communication. Leveraged advanced natural language processing techniques to ensure accurate translations and high-quality speech synthesis.

Image Attendance and Security System Register
A real-time face recognition system that captures and registers faces, creating daily attendance and time records for recognized individuals. The system enhances security by raising an alarm when unfamiliar or unregistered faces are detected, providing a robust solution for monitoring and attendance tracking.

Lip Reading Deep Learning App
A deep learning-based application for lip reading, capable of interpreting spoken words by analyzing visual lip movements. The system leverages advanced computer vision and neural network techniques to convert silent video input into text, facilitating communication in noisy environments or for individuals with hearing impairments.

Alzheimer Disease Prediction Web App
A machine learning-based application to predict the likelihood of Alzheimer's disease. The app uses a pre-trained model to analyze patient data and provide early detection, aiding healthcare professionals in diagnosis and treatment planning. The user-friendly interface allows for easy input of relevant medical data and delivers accurate predictions.

Diamond Price Predictor Web App
A web application that predicts diamond prices based on key features such as carat, cut, color, clarity, and more. The app utilizes a machine learning model to provide accurate price estimates, helping users make informed buying or selling decisions. The intuitive interface allows for seamless input and instant predictions.

Car Price Predictor Web App
A web application that predicts the price of used cars based on various factors like make, model, year, mileage, and condition. The application employs a machine learning model to generate accurate price

estimates, assisting users in evaluating the fair market value of vehicles. The user-friendly interface ensures easy data input and quick predictions.

CERTIFICATES OBTAINED

• Jobberman Soft-Skills Training Certificate
• NYSC Completion Certificate
• Teachers Registration Council of Nigeria (TRCN)
• Python for Data Science (Coursera)
• Big Data Basic (Udemy)
• Hamoye Machine Learning Certificate
• Various Professional Development Certificates in Critical Thinking, Emotional Intelligence, and Resilience

HOBBIES

Researching
Analysis
Reading
Listening to Music
Playing Football
Building AI and Machine Learning Models

PERSONAL QUALITIES

A good team player
Computer literate
Flexible
A fast learner
Time management
Self motivation and conflict resolution
Adaptability
Problem-Solving
Communication
Leadership
Detail-Oriented
Time Management
Creativity
Integrity
Resilience
Empathy

COMPUTER PROFICIENCY

• Advanced user of Microsoft Word, Excel, Access, PowerPoint, and various statistical tools.
• Skilled in Python programming, with extensive experience in building AI and Machine Learning models.
• Skilled in quantitative and qualitative statistical tools SPSS, Atlas ti, Power BI etc. and can carry out various types of data analysis with the tools