VERONICA EYO

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📍 Jacksonville, Florida 32246

PROFESSIONAL SUMMARY

A result-oriented Data Scientist who has been involved in data pre-processing, analyzing, mining and reporting, descriptive and predictive analysis, machine learning and deep learning algorithms, model building and validating, project management, business analysis, applied statistics and optimization.

Experienced with machine learning frameworks/libraries (numpy, pandas, seaborn, matplotlib, scikit-learn, Tensorflow) and big data tools. Knowledge in SQL databases like DB2, MySQL, SQL Server, PostgreSQL and Microsoft Azure cloud services.

Has over eight (8) years' experience executing Electrical Engineering design projects in EPC, DED and FEED for Indigenous and Multinational Oil and Gas and Railway Companies.

Also has two (2) years' experience in Systems Engineering, Network management, IT System Development, Implementation and Support.

Skilled in Smart Plant Instrumentation (INtools) & AutoCAD with over 5 years' experience in Award winning Proposal Preparation and defense.

SKILLS

- Statistical analysis
- Intelligence gathering
- Programming: Python, R, SQL, C#
- Machine learning: Supervised (Classification, Regression, dimensional reduction) and Unsupervised Learning(Clustering K means & hierarchical Clustering, Anomaly detection), Neural Network & Time series analysis.
- Deep Learning(ANN, CNN,

WORK HISTORY

DYNAMIC RESOURCE INC - DATA SCIENTIST
New York, NY • 09/2019 - 05/2021

● Partnered with senior team members to assess customer needs and define business questions.

● Participated and engaged with business stakeholders to understand business needs and build machine learning algorithms based on requirements and come up with data-driven strategic insights.

● Through an iterative process of data mining, data wrangling, data training and data modeling, has been able to source, analyze, and query information needed to mine, and uncover hidden stories and patterns of data (structured, unstructured and semi structured).

● Built analytics models on large-scale datasets to address various business use cases by applying advanced statistical

RNN)
- Data Mining
- Mathematics- Strong Engineering Mathematics
- Detail-oriented
- Critical thinking
- Excellent work ethic

EDUCATION

University of Florida
Gainesville, FL • 05/2011

Master of Science: Electrical and Computer Engineering
Graduate Student Achievement Award, 2009

Federal University of Technology Minna
Nigeria • 09/2006

Bachelors of Engineering:
Electrical and Computer Engineering

CERTIFICATIONS

- Python for Data Science & AI (IBM)
- Awarded College of Engineering Graduate Student Achievement Award
- Cisco Certified Network Associate {CCNA}

modeling, machine learning, or deep learning techniques.
- Combined knowledge of Mathematics, Engineering and Physics to predict outcomes.
- Validated and implemented machine learning on models.
- Proficient in Python and R
- Solid understanding of data structures, data modeling, probability, statistics.
- Developed, visualized, trained, deployed, and monitored various machine learning models with extensive knowledge of evaluation metrics and best practices.
- Experienced with machine learning frameworks/libraries (numpy, pandas, seaborn, matplotlib, scikit-learn, Tensorflow) and big data tools.
- Knowledge in SQL databases like MySQL, SQL Server, PostgreSQL and Microsoft Azure cloud services.
- Has experience in supporting and working with cross-functional teams in dynamic environment.
- Ability to thrive and demonstrate constant applied learning in highly complex, interdisciplinary, and dynamic work environment.
- Willingness to participate in all levels of project work when necessary.
- Excellent written and verbal communication skills.
- A passion for bringing AI to production.

DUOS TECHNOLOGIES INC - **Electrical Engineer**
04/2020 - 04/2021

- Designed and deployed Oblique VUE for undercarriage inspection of Trains.(The first of its kind).
- Successfully developed and designed additional new perspectives that have been retrofitted into existing systems design and deployed, based on Customer specifications.
- Designed Electrical, Instrumentation and Control Schematics, Instrument Location Drawings, Instrument/ Electrical Installation details.
- Assisted other Engineers in developing and assembling Scopes, Engineering sketches, Drawings and Specifications into complete Package.
- Developed new Test Procedures and performed Electrical testing of systems to be deployed to make sure that it functions properly and meets client's needs.
- Prepared Cable Schedules for customer Standards in

accordance with NEC.

- Performed Electrical field inspections after construction to review compliance with contract documents.
- Interfaced with Vendors to assess new Products and Specifications for use in new Package designs.
- Implementation of communication systems such as Ethernet based Local Area Networks.

NIGERIAN NATIONAL PETROLEUM CORPORATION SUBSIDIARY, NETCO - **Controls Engineer**
08/2012 - 01/2020

- Successfully completed assigned tasks effectively, surpassing time frame objectives while maintaining superior levels of performance.
- Achieved top client satisfaction through analysis of client's corporate culture, ensuring effective identification / addressing of client needs.
- Focused on delivering top quality Engineering design to clients.
- Developed Instrument and Control deliverables such as Instrument Control Loops, Datasheets, Instrument Installation Details, Junction box Termination Diagrams, Cable block Diagrams, Instrument & Process Hook up Diagrams, Instrument Layout Diagrams, Overall Control System Block Diagrams, Instrument Material Take off, Instrument Requisition, Index, I/O List.
- Proficient in Relief Valve, Control Valve and Restriction Orifice sizing.
- Proficient in Smart Plant Instrumentation (INtools) & AutoCAD.
- Interfaced seamlessly with other disciplines such as Process, Piping, Mechanical, Electrical and Civil Engineering disciplines respectively.

ALLIED COMPUTERS LIMITED - **Systems Engineer**
Nigeria · 02/2007 - 07/2009

- Orchestrated the complete upgrade of 500+ systems from Windows XP to Windows Vista within one-week deadline and working with interns only.
- Achieved successful project delivery through strategic management of resources and full project lifecycles.
- Spearheaded deployment of Point of Sale (POS) Terminals at various locations.

- Key contributor to support team, serving as systems engineer focused on delivering top quality hardware / software support to government organizations.
- Conducted expert evaluation and installation of software, hardware, and equipment into client networks.
- Facilitated troubleshooting and maintenance efforts by other team members working computer and printer systems with faulty components.
- Provided supervision and mentoring of engineering interns as well as generated weekly performance evaluation reports focused on engineering team.
- Worked collaboratively with leading providers of IT equipment (Hewlett Packard, Microsoft, APC, TallyGenicon, and Epson among others) to ensure rapid and effective resolution of issues.
- Conducted cloning, maintenance, and troubleshooting of desktops, laptops, and printers within the Central Bank of Nigeria's Abuja branch.

AFFILIATIONS

Institute of Electrical and Electronics Engineers (IEEE), National Society for Black Engineer - UF, Women in Electrical & Computer Engineering - UF, Society of Women Engineers (SWE) - UF

REFERENCES

Dr. Bashir Mohammed PHD
Data Science and Technology Research Group
Computation Research Division(CRD)
Lawrence Berkeley National Laboratory Berkeley, California, USA. bmohammed@lbl.gov