

OKON DANIEL JOB

MEng, MNSE, COREN

SUMMARY

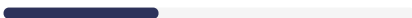
A solutions-focused professional and doctoral student of Electrical and Computer Engineer. Willing to leverage knowledge and skills in electrical engineering and machine learning to profer solutions that impact the society positively. His current research interest includes Machine Learning and Artificial Intelligence, Smart Grid Communication Networks and Analytics, and Advanced Metering Infrastructure (AMI).

CONTACT

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- in Okon Daniel
- ☎ +1 410 622 2960

SKILLS

MATLAB



Machine Learning



Python



Microsoft Packages



Analysis and Problem-Solving.



Written and Oral Communication



Teamwork



LaTeX



EDUCATION

PhD. Electrical and Computer Engineering **2024-27**
Morgan State University, Baltimore, Maryland (USA)

MEng. Computer and Telecommunication Engineering **2021**
Botswana International University of Science and Technology, Palapye (Botswana)

PGD Electrical/Electronic Engineering **2006**
Federal University of Science and Technology, Akure, (Nigeria)

HND Electrical/Electronic Engineering **1998**
Yaba College of Technology, Lagos (Nigeria)

PROFESSIONAL, RESEARCH AND TEACHING EXPERIENCE

Graduate Research Assistant **2024 -**
Climate Science Division, Morgan State Uni.

- Use AI/ML to retrieve surface particulate pollutants in and around Baltimore using satellite observations for the NASA DEAP project.

Chief Electrical Engineer **2002 to 2024**
National Agency for Food and Drug Administration and Control (NAFDAC), (Nigeria)

- Plan, design, implement, support standalone and networked voice communication systems, including Private Branch Exchanges, E1, and Interactive voice response (IVR).
- Design review, project supervision and support of electrical power systems, security surveillance and access control systems.

TRAINING

Machine Learning A-Z™: AI, Python in Data Science

Udemy

February 2023 (ongoing)

Data science and machine learning

DLYA Bootcamp 3.0 (USA)

August - November 2022

Python for Research

Edx/ Harvard University

September 2022

Introduction to Renewable Energy

Solar Energy International (2021)

Cisco Voice and Unified Communication Administration

Digital Dialogue Ltd.Lagos

(2012)

REFEREES

Prof. Abid Yahya, PhD

Dept. Computer and Telecommunication Engineering

Botswana International University of Science and Technology, Palapye (Botswana)

yahyaa@biust.ac.bw;

Dr. Nzekwe, Nwachukwu Martins, PhD

Dept. of Physical Science

Yaba College of Technology, Lagos (Nigeria)

nwachukwu.nzekwe@yabatech.edu.ng

Postgraduate Research Student / Teaching Assistant

2018 to 2020

Botswana International University of Science and Technology, (Botswana)

- Research at a master's level with a focus on smart grid neighbourhood area network/cognitive radio. Gained experience in literature review and gap identification, formulation of analytical/mathematical models, analysis, visualization, and interpretation of results using MATLAB and other statistical tools.
- Support Lecturer and enhance the student learning experience through tutorials, laboratory experiments, and other assigned activities.

Site Supervisor

Alcatel (NIG) Limited, (Nigeria)

Feb to Dec 2002

Planning and implementation of Secondary and Primary Telephone Cable Networks.

PUBLICATIONS

Okon, D., Sigweni, B., and Mangwala, M. "Performance in a Cognitive Radio Ad Hoc Network of a Spectrum Handoff Based on Interrupted Poisson Traffic." Journal of Network and Computer Applications, Ref. No.: JNCA-D-23-00275, (under review)

PROFESSIONAL SOCIETY MEMBERSHIP

Member Council for Regulation of Engineering in Nigeria (COREN), (R.19, 273)

2010

Corporate Member Nigerian Society Of Engineers MNSE 20163,

2009

Cisco Voice Certified Network Associate (CCNA) CSC011731254, 2013

2013

PROJECTS

Capstone Project on Fake News Detection Using Natural Language Processing.

Location: DLYA DSML Bootcamp 3.0 (USA)

August 2022

Reducing Floods Risks in Belgrade Area Through AI Solutions

Omdena Oped Education Project

January 2023

<p>Review design and supervise deployment of clean power, telephony and other extra-low voltage building services</p> <p>Location: NAFDAC Vaccine Laboratory, Nigeria</p>	2022 (on-going)
<p>Design and implementation of NAFDAC's interoffice telephony system.s</p> <p>Location: NAFDAC Isolo, Oshodi, Yaba, Apapa offices</p>	2017
<p>Installation of 30 channel E1 trunk lines and IVR (automatic voice response)</p> <p>Location: NAFDAC – Lagos Headquarters.</p>	2017
<p>Deployment of Central UPS and physical access control</p> <p>Location: NAFDAC – Lagos Headquarters.</p>	2015 2017

EXTRACURRICULAR

<p>Global Youth Convocation, IMPACT. (member)</p> <ul style="list-style-type: none"> · Addressing fundamental issues affecting teenagers and young adults. · Guidance in career and skill acquisition 	2021
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