# OLASUNKANMI FELIX OYADOKUN

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## EDUCATION

**Master of Engineering (MEng), Electronics/Communications Engineering**　　　　**2021**
Nigerian Defence Academy, Nigeria

**Bachelor of Engineering (BEng), Electrical/Computer Engineering**　　　　**2014**
Federal University of Technology, Minna, Nigeria

## WORK EXPERIENCE

**Data Science Intern**　　　　**July 2022 – Present**
Explore AI

- Performed data preprocessing, exploratory data analysis, modelling (Unsupervised and Supervised Machine Learning), visualization, deployment and presentation of works on numerous datasets

**Data analyst Fellow**　　　　**July 2022 – January 2023**
Natview Foundation

- Scripted survey forms for Covid 19 and SDGs and uploaded them on ODK collect.
- Processed several data and analyzed them using MS Excel, Power bi and Python
- Built and presented several interactive dashboards using power bi

**Teacher/ICT Officer**　　　　**2016 – June 2022**
NISMES affiliated to Nuhu Bamalli Polytechnic

- Planned materials and taught several courses such as; digital electronics, into to computer, into to programming and practical data collection (scripting and ODK collect)
- Supervised final projects of over 25 students
- Innovated error free template for computing results.
- Carry out regular maintenance and upgrade to school systems for better performance by operators
- Teach students practical programming and analytical skills.

**ICT Officer (Voluntary)**　　　　**2013 – Present**
Living Faith Foundation

- Designed and developed membership management software using c#
- Provides maintenance of ICT equipment for smooth operations
- Trained 13 apprentices in the technical department

- Lead the youth department for 5 years

## PUBLICATIONS

- Advanced encryption standard algorithm for file security (Peer reviewed, IRE Journals)
- Essential Building Blocks of Convolutional Neural Network for Deep Learning (Peer reviewed, IRE Journals)

- Design And Implementation Of Secured Communication In A Wireless Network Using Modifies Advanced Encryption Standard Algorithm (Preprint, Research gate)

## PRESENTATIONS

"Analyzing Health Care Financing" Amina J.M. Lab, speaker and team leader. 2022
"Analyzing Financial Data for Fraud Detection", Amina J.M. Lab, speaker and team member. 2022

"Kaduna State Health Integrated Supervision Support System", Amina J.M Lab, Team leader 2022

"Analyzing Employees Life's Quality", Amina J.M. Lab, team member and speaker, 2022

## TECHNICAL SKILLS

- **Computing:** Python, Machine learning, Power bi, Microsoft  Excel, HTML, CSS, Microsoft Office Suite
- **Soft:** Leadership, Managed, Problem Solving, Critical Thinking, Technical Writing,
- **Languages:** English (Proficient)

## AWARDS & HONORS

- Explore AI                                                              2022
- DSFP Fellow                                                          2022
- AWS Machine Learning Foundation August (Udacity)    2022
- Python for data science (IBM)                                   2022
- Data analysis with python (IBM)                                2022
- Data visualization with python (IBM)                          2022
- Data privacy fundamental (IBM)                                 2022
- Jobberman Soft-Skills Training                                  2022
- YALI Regional Leadership Center (RLC), West Africa, Accra, Ghana,    2019

## MEMBERSHIP

- International Society For Data Science and Analytics(ISDSA)    June 2022
- International Association of Engineers (IAE)                          January 2022
- Yong Africa Leadership Initiative (YALI)                              2019
- Chattered Project Management Professional (CPMP)             May 2019
- Nigerian Society of Engineers (NSE), graduate affiliate            2018