

# Benjamin Muoka

*Renewable Energy Engineer / Python Developer*

## Professional Summary

- A Renewable Energy Engineer with experience in the design and installation of both on-grid and off-grid energy systems. Able to perform site assessment and capable of operating equipment and hand tools. Reliable team player with a personable nature and positive communication style. Looking for a job with an opportunity for professional challenges, skills development and career advancement.

## Work History

- **Solar Business Executive** *(2020 – 2022)*  
*Abuja Graduate School, Abuja*
  - Developed new training programs both local and foreign.
  - Coordinated various training workshops within and outside the institution.
  - Worked with the engineering team to complete various solar installations.
  - Conducted various marketing activities through on-line and in-person discussions.
  - Prepared various written communications, reports and documents.
  - Received and processed equipment into inventory management system.
- **Admin/Customer Relations Officer** *(2016 – 2017)*  
*Institute of Management and Technology, Enugu*
  - Provided support to office staff, promoting excellence in office operations.
  - Managed office files and records, adhering to standard procedures to prevent breaches and data misuse.
  - Sorted, opened and routed incoming correspondence and deliveries.
  - Scheduled appointments and meetings, organized presentation materials and developed required databases.

## Accomplishments

- Managed an engineering team to successfully complete the installation of a 20Kva online inverter system with 360V battery backup.
- Coordinated solar power installation and maintenance workshops across the 36 States of the Federation and the Federal Capital Territory (FCT), between November and December 2021.
- Secured Council for the Regulation of Engineering in Nigeria (COREN) accreditation to deliver SPVI, SPVIS, MGD, EA and EM programs.

## Contact

### Phone

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### E-mail

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## Education

- **Master of Science (M.S.) - Renewable Energy Engineering**  
*Heriot-Watt University, United Kingdom (Oct. 2020)*
- **Bachelor of Engineering (B.E.) - Electrical and Electronic Engineering**  
*University of East London, Malaysia (Feb. 2016)*
  - Dean's List (2014/2015 Session)
  - Dean's List (2013/2014 Session)

## Skills

- ANSYS
- EnergyPlan
- MATLAB
- Python, C, SQL
- Thermal modelling and analysis
- Solar design and installation
- MS Office

## Languages

English – Native

## Licenses & Certifications

- **Python Developer (2023)**  
*Brainnest*
- **Associate Member (2020)**  
*Nigerian Society of Engineers (NSE) – 54637*

## Interests

Reading  
Playing soccer