



DIVINE ARINZE OKEKE

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PROFILE

I am a highly motivated and ambitious individual with a passion for conducting cutting-edge research to tackle the technical challenges of energy systems with net-zero carbon targets. With an MSc in Energy Systems and a strong background in AI, Electrical Engineering, Control Systems, and energy system modelling, I possess the analytical, programming, and scientific writing skills necessary to develop novel Distributed Control Strategies for Smart Distribution Grids with High Penetration of Renewable Energy, I have excellent communication skills and thrive in an international and collaborative environment.

EDUCATION

Skolkovo Institute of Science and Technology	Jan. 2022
Masters in Energy Systems.	- Present
University of Nigeria, Nsukka (The World Bank African Centre of Excellence for Sustainable Power and Energy Development)	Apr. 2020
Masters in Automatic Control Systems.	- Dec. 2021
University of Nigeria, Nsukka	
Bachelor of Electrical Engineering.	2013-2018
First Class Honors	

PROFESSIONAL EXPERIENCE

Research Intern, Center of Energy Systems, Skolkovo Institute of Science and Technology (July - November 2022)

- Conducted research on real-time simulators for microgrids
- Worked on projects related to energy systems and their applications
- Gained experience in data analysis and presentation of research findings
- Collaborated with other researchers and staff members to complete tasks and projects.

Graduate Assistant, Federal Polytechnic Nasarawa, Nigeria (Dec 2020-Mar 2021)

- Assist faculty members in conducting research projects related to Electrical/Electronic Engineering.
- Prepare and conduct laboratory sessions and tutorials for undergraduate students.
- Grade assignments and provide feedback to students.
- Assist with the maintenance and organization of laboratory equipment and materials.
- Provide support to faculty members during lectures, workshops, and conferences.
- Conduct literature reviews and gather data for research projects.
- Assist in the development of course materials, such as syllabi, handouts, and presentations.
- Attend meetings and training sessions as required.

- Perform other duties as assigned.
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SKILLS

- Expertise in machine learning, control systems, operations research, power/energy systems, and electrical engineering.
 - Demonstrated competence in AI, computer/data science, energy system modelling, dynamic systems, and power systems.
 - Strong programming skills and experience with software tools such as Python, MATLAB, and PHP.
 - Experience in conducting and analysing experiments, simulations, or field trials related to energy systems.
 - Excellent analytical and problem-solving skills, as well as experience in scientific writing and communicating research results.
 - Familiarity with emerging technologies and trends in the field of electric mobility, smart grids, and renewable energy.
 - Strong communication and collaboration skills, with the ability to work effectively in interdisciplinary teams.
 - Fluency in English, both written and spoken.
 - Experience working with large data sets, and the ability to apply statistical methods to extract insights and make data-driven decisions.
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AWARD

The World Bank African Centre of Excellence Scholarship

HOBBIES

Reading, Playing Chess and Listening to gentle Classical Music

REFERENCES

Available upon request