



DIVINE ARINZE OKEKE

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PROFESSIONAL PROFILE

A highly motivated and dedicated Ph.D. candidate with a background in electrical engineering and experience in power system dynamics, stability, and control. Possessing a strong foundation in system and control/optimization/machine learning with application in electrical engineering. Seeking to join the Power System Control and Renewable Integration Lab at University of Texas at Arlington as a Ph.D. student to further develop research skills and contribute to ongoing projects in power system dynamics, stability, and control with inverter-based resources.

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.	- Oct. 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 (April 2019 - March 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 power system dynamics, stability, and control with inverter-based resources
 - Familiarity with power grid resilience and restoration using state-of-the-art decision-making paradigm
 - Proficient in MATLAB, SIMULINK, RTDS, PSS/E, Python, C/C++, Tensorflow, Pytorch, Keras
 - Experience in writing scientific research articles
 - Strong analytical, problem-solving, and critical-thinking skills
 - Excellent communication and interpersonal skills
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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