**DIVINE ARINZE OKEKE**

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 +79911222996

**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**

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| Skolkovo Institute of Science and Technology  Masters in Energy Systems. | Jan. 2022  -  Present |

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| University of Nigeria, Nsukka (The World Bank African Centre of Excellence for Sustainable Power and Energy Development)  Masters in Automatic Control Systems. | Apr. 2020  -  Oct. 2021 |

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| University of Nigeria, Nsukka  Bachelor of Electrical Engineering.  First Class Honors | 2013-2018 |

**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.

**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

**AWARD**

The World Bank African Centre of Excellence Scholarship

**HOBBIES**

Reading, Playing Chess and Listening to gentle Classical Music

**REFERENCES**

Available upon request