**DIVINE ARINZE OKEKE**

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 +79911222996

**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**

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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  -  Dec. 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 (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.

**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.

**AWARD**

The World Bank African Centre of Excellence Scholarship

**HOBBIES**

Reading, Playing Chess and Listening to gentle Classical Music

**REFERENCES**

Available upon request