DIVINE ARINZE OKEKE

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PROFILE

Highly motivated and accomplished professional with expertise in energy systems and automatic control. Strong background in power system dynamics, stability, and control, with a focus on inverter-based resources. Skilled in mathematical modeling, data analysis, and utilizing advanced software tools such as MATLAB, SIMULINK, Python, and deep learning frameworks. Effective collaborator with excellent communication and interpersonal skills. Committed to contributing to the development of sustainable and decentralized energy systems through research and innovation. Seeking opportunities to apply knowledge and skills to drive positive change in the energy sector.

EDUCATION

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

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

University of Nigeria, Nsukka — 2013-2018
Bachelor of Electrical Engineering.
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.

SKILLS

- Expertise in machine learning, robotics, control systems, operations research, power/energy systems, and electrical engineering.
- Demonstrated competence in AI, computer/data science, energy system modelling, dynamic systems, power systems, or another relevant field.
- Strong programming skills and experience with relevant software tools such as Python, MATLAB, and/or R.
- Experience in conducting and analysing experiments, simulations, or field trials related to energy systems or related fields.
- 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

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REFERENCES

Available upon request