

# EMEKA OLUWASEUN ODUWAYE

No 2 Olopomewa Street, Oyo State, Nigeria

+234 80 6946 8293

[Emekaseun.es@gmail.com](mailto:Emekaseun.es@gmail.com)

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## RESEARCH INTERESTS

Animal Welfare  
Animal Nutrition  
Animal Behavior

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## EDUCATION

Federal University of Agriculture, Abeokuta, Nigeria  
Bachelor of Animal Science - May 2019  
Thesis- *Effect of Aqueous Neem Leaf Extract on Haematological and Serum Biochemical Indices of Broiler Chickens*  
Grade: First Class Honors (4.51/5.0)  
Advisor: Prof. Lawrence Egbeyale

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## WORK AND RESEARCH EXPERIENCE

- ❖ Full-Stack Engineer, Tranqbay Health (Dec 2021 – Feb 2023)
  - Participating in the planning and design meetings to contribute to the development process of the web application.
  - Implemented event-driven services to enhance system responsiveness and scalability, ensuring the efficient operation of the backend infrastructure.
- ❖ Undergraduate Researcher, Faculty of Agriculture Teaching and Research Farm, Federal University of Agriculture, Ogun State, Nigeria (Aug 2019 – Nov 2019)
  - Conducted a study on the antioxidative status of broiler chickens fed with diets supplemented with *Irvingia gabonensis* and *Ocimum gratissimum*.
  - Reared broiler chicks for animal nutrition experiments.
  - Collected and analyzed data, providing actionable recommendations for future research.
- ❖ Research Intern, Institute of Agricultural Research and Training, Moor Plantation, Ibadan, Nigeria (Dec 2019 – Feb 2020)
  - Assisted in research projects involving livestock animals, including pigs, rabbits, sheep, and goats.
  - Managed a professional network of over 2,000 agricultural experts and enthusiasts.

- Formulated specialized livestock feed, including swine, chicken (layers), and rabbit feed.
  - Conducted routine livestock management practices.
- ❖ Farm Intern, Federal University of Agriculture, Abeokuta (Farm Practical Year) (Apr 2017 – Dec 2017)
- Ensured feed and water supply to poultry birds (layers and broilers).
  - Disinfected poultry houses and inspected poultry for diseases.
  - Processed and packaged broilers for marketing and distributed eggs for sales.
  - Administered vaccines and medications based on a structured farm vaccination calendar.
  - Assisted with feed production and handled sales and record-keeping in the sales department.
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## **VOLUNTEER AND COMMUNITY SERVICE**

Outreach Volunteer, Lagos Food Bank Initiative (Dec 2021 – Nov 2022)

- Packaged and distributed food and essential items to underserved communities.
- Sorted donated clothing for community outreach events.

Project Lead, Leap Africa – Youth Day of Service (Aug 2020)

- Co-led a social impact campaign to educate youths on remote job opportunities.
- Supervised volunteers, ensuring efficient project execution.

Undergraduate Tutor, Bagit Digital Solutions (Mar 2017 – Jan 2018)

- Delivered tutorials to second and third-year university students.
  - Developed comprehensive study materials to enhance student learning.
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## **AWARDS AND RECOGNITIONS**

First Class Student Award, Faculty of Agriculture, Federal University of Agriculture, Abeokuta (Nov 2019)

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## **CERTIFICATIONS AND TRAINING**

- Software Engineering Certification, SQI College of ICT (Dec 2021)
  - Soft Skills Training, Jobberman (Oct 2020)
  - Impact Leadership Academy Certification (Mar 2018)
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## **SKILLS AND COMPETENCIES**

- Research Skills: Experimental design, data collection, analysis, and interpretation.

- Technical Skills: Formulation of livestock feed, farm management, disease monitoring, and vaccine administration.
  - Computer Skills: HTML, CSS, JavaScript, ReactJS, NextJS, NestJS, and TypeScript.
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## LEADERSHIP AND PROFESSIONAL MEMBERSHIPS

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| - Poultry Science Association (Membership ID: 11143)          | July 2021 |
| - Genetics Society of America (Membership ID: 419665)         | Apr 2021  |
| - American Society for Animal Science (Membership ID: 255150) | Mar 2021  |
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## ACTIVITIES AND INTERESTS

- Debate: Represented the Faculty of Agriculture in interfaculty debate competitions (twice).
  - Reading: Enjoys biographies and self-help books.
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## REFERENCES

- ❖ Prof. Lawrence Egbeyale  
Department of Animal Science  
Federal University of Agriculture, Abeokuta, Ogun State, Nigeria.
  
- ❖ Dr. Adedeji Robert Ojo  
Forest Products Development and Utilization  
Forestry Research Institute of Nigeria (FRIN), PMB 5054, Jericho Hill, Ibadan, Nigeria.