Julius Olaifa

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Education

Oklahoma State University   Sep. 2019 – May. 2024
Doctor of Philosophy in Statistics   *Stillwater, Oklahoma*

Oklahoma State University   Jan. 2022 – Dec. 2024
Masters of Science in Computer Science   *Stillwater, Oklahoma*

University of Ilorin   Oct. 2013 – May. 2015
Masters of Science in Statistics   *Ilorin, Kwara, Nigeria*

University of Ilorin   Oct. 2008 – May. 2012
Bachelor of Science in Statistics   *Ilorin, Kwara, Nigeria*

Relevant Coursework

- Probability
- Big Data
- Time Series Analysis
- Statistical Inference
- Multivariate Analysis
- Statistical Computing
- Linear Model
- Machine Learning
- Design and Analysis of Experiments
- Operating Systems
- Data Structures and Algorithm
- Mobile Application Development

Experience

Oklahoma State University   Aug. 2019 – Present
Graduate Teaching Assistant   *Stillwater, Oklahoma*

- I taught introduction to Statistics to over 60 students
- Worked at the Statistical Learning and Instruction Center (SLIC) to help Non - Statistics major students with their statistics and programming problems.

Kwara State University   Sep. 2016 – Aug. 2019
Assistant Lecturer   *Malete, Kwara, Nigeria*

- I taught various undergraduate statistics courses, e.g Analysis of Variance, Psychometrics, Probability using R statistical software.
- Supervised undergraduate project work on three parameter Item Response model, and fitting Negative Binomial model to over-dispersed count data.

Research

- S. A. Aderoju, I. Adeniyi, **J. B. Olaifa** and A. Olaosebikan *(2023)* On Poisson-Samade Distribution: Its Applications in Modelling Count Data. *Earthline Journal of Mathematical Sciences. Vol.,12 No.2.*   access
- W.B Yahya, **J.B Olaifa** *(2014)* A note on ridge regression modeling techniques. *Electronic Journal of Applied Statistical Analysis. Vol.,7 No.2. No. of citations: 11*   access

Projects

Natural Language Processing | *Python, Sentiment Analysis*   March 2021
- Built a sentiment Analysis from customer reviews

Computer Vision | *Python, Image Classification*   December 2021
- Built an image recognition model for classifying blood cell types

Mobile App | *Swift*   December 2021
- Built several toy games in Swift

Statistical Genomics | *R, GLMM, RNA-Seq*   October 2022
- Derived and implemented a model based estimator for heritability score for gene expression data.

Technical Skills

Programming Languages: Python, R, SAS, Java, C, C++, Swift
Database Query Language: SQL, SSRS, MongoDB
Data Visualization: Tableau
Big Data: Spark, Hadoop

Mooc Certifications

Cousera's Natural Language Processing Specialization
University of Helsinki Java Programming MOOC