CURRICULUM VITAE

Name: **SANUSI**, Funmilayo Abibat Nee KASALI

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Phone Number: 07062562000

State: Ogun State

Local government of Origin: Odogbolu

Nationality: Nigerian

Permanent Home Address: 7, Segun Kujore Estate, CMD Road, Magodo Lagos State

Marital Status: Married

Number and Ages of Children: 2 (7 and 5 years old respectively)

EDUCATION

2015 – 2018: Babcock University, Ilisan-Remo Ogun State
Doctor of Philosophy (PhD) in Computer Science (Management Information Systems)

2017-2018: Federal College of Education, Akoka, Lagos State
PGDE in Science Education

2013 – 2015: Babcock University, Ilisan-Remo Ogun State
Masters in Computer Science

2012 – 2013: Babcock University, Ilisan-Remo Ogun State
Postgraduate Diploma in Computer Science

2001 – 2007: Olabisi Onabanjo University, Ago – Iwoye, Ogun State
BSc. Computer Mathematics

1993 – 1999: Aiyepe Comprehensive High School, Aiyepe, Ogun State
Senior School Certificate Examination (SSCE)

1989 – 1993: Mayflower Junior School, Ikenne Remo Ogun State
First School Leaving Certificate

ACADEMIC QUALIFICATIONS

Bachelor's Degree in Computer Mathematics	2008
Post Graduate Diploma in Computer Science	2012
Masters in Computer Science	2015
Professional Diploma in Education (Science Education)	2018
Doctor of Philosophy (PhD) in Computer Science (MIS)	2018

PROFESSIONAL QUALIFICATIONS OBTAINED

Block Chain Developer Mastery Award from IBM	2018
IT Project Management from Indian School of Business	2020

Advanced Digital Appreciation Program for Tertiary Institutions
(SPSS)   2020
Data Analysis Course from New Horizons   2022
Data Analytics Using Excel (Coursera)   2022
Google Analytics (Coursera)   2022
Usability Testing with Hotjar (Coursera)   2022

WORKING EXPERIENCE

Senior Lecturer
Mountain Top University, Ibafo Ogun State
College of Basic and Applied Sciences, Dept. of Computer Science and Mathematics
Core Responsibilities include Teaching, Research and project supervision, Student Mentorship amongst other administrative duties
December 2023 – Till Date

Lecturer I
Mountain Top University, Ibafo Ogun State
College of Basic and Applied Sciences, Dept. of Computer Science and Mathematics
Core Responsibilities include Teaching, Research and project supervision, Student Mentorship amongst other administrative duties
2020-April 2023

Lecturer II
Mountain Top University, Ibafo Ogun State
College of Basic and Applied Sciences, Dept. of Computer Science and Mathematics
Core Responsibilities include Teaching, Research and project supervision, Student Mentorship amongst other administrative duties
2018-2020

Adjunct Lecturer
Federal College of Education in Affiliation with University of Benin Degree Program, Department of Computer Science
2015-2019
Core Responsibilities include Teaching and Research

Program Control Officer
2012- 2015, LifeCare Network, 3 Spencer Street, Alagomeji, Yaba Lagos State
Job Description: Logistics, Research Assistant, Marketing, Training and Data Analyst.

Academic Officer
National Youth Service Corps (NYSC), July 2009 – May 2010, St. Augustine College of Education (Academic Officer), Akoka Yaba, Lagos State

Industrial Trainee
2008 Dabmol Nigeria Limited, No1, Medical Road Otigba Street, Computer Village, Lagos State
Job Description: Computer Operator/Technician

OTHER TECHNICAL SKILLS
- Problem analysis and system design

- Knowledge of current web technologies and Data Analytics tools like Python, R, SPSS and MATLAB for Simulation
- Competent Skills in Research, Project writing and Data Analysis
- Leadership, Emotional Intelligence and Motivational Skills

PROFESSIONAL MEMBERSHIP

- Nigeria Computer Society (NCS); Membership Number: 09197
- Association for Computing Machinery (ACM); Membership Number: 8178003
- Member, Women in Artificial Intelligence

PUBLICATIONS

- Femi Emmanuel Ayo, Lukman Adebayo Ogundele, Solanke Olakunle, Joseph Bamidele Awotunde, **Funmilayo A. Kasali** (2024). A hybrid correlation-based deep learning model for email spam classification using fuzzy inference system, Decision Analytics Journal, 10(2024), https://doi.org/10.1016/j.dajour.2023.100390. Elsevier
- O.C. Ngige, F.Y. Ayankoya, J.A. Balogun, E. Onuiri, C. Agbonkhese, **F.A. Sanusi** (2023): A dataset for predicting Supreme Court judgments in Nigeria, Data in Brief, Volume 50, 109483, ISSN 2352-3409, https://doi.org/10.1016/j.dib.2023.109483. Q2 Scopus Indexed
- Francis Akutsah, Ojen Kumar Narain, **Funmilayo Abibat Kasali**, Olawale Kazeem, Oyewole and Akindele Adebayo Mebawondu (2023). A Self Adaptive Method for Solving Split Bilevel Variational Nequalities Problem in Hilbert Spaces. Australian Journal of Mathematical Analysis and Applications, 1(4), 1-20. Q4 Scopus Indexed
- **Kasali F.A.**, Orah, R.O., Balogun, J.A., Aleburu, D.D., Igiri, C.P., Adekola O.D., Sani, F. A. (2022). A framework for Electronic Voting Systems using Blockchain Technologies. Proceedings of International Conference on Smart, Secure and Sustainable Nation, NCS, 1-12
- C. P. Igiri, D. Bhargava, T. Ekwomadu, **F. Kasali** and B. Isong (2022). "Bio-Inspired Ant Lion Optimizer for a Constrained Petroleum Product Scheduling," in *IEEE Access*, vol. 10, pp. 94986-94997, 2022, doi: 10.1109/ACCESS.2022.3204811. Q1 Scopus Indexed
- Adekola, O. D., Udekwu, O. K., Saliu, O. T., Dada, D. W., Maitanmi, S. O. et al. (2022). Object Tracking-Based "Follow-Me" Unmanned Aerial Vehicle (UAV) System. *Computer Systems Science and Engineering, 41(3)*, 875–890. Q4 Scopus Indexed.
- Balogun J.A., **Kasali Funmilayo A.,** Akinyemi, I. O. (2021). Development of Classification Model for the Prediction of Churn among Customers using Decision tree Algorithm. Journal of Computer Science and its Applications, 28(2). **DOI:** 10.4314/jcsia.v28i2.5
- Oyebola Akande, Yaw Mensah, **Funmilayo A. Kasali,** Wumi Ajayi. (2021). Computer-Based Resource Allocation System in a Dynamic Environment Using Real-Time Traffic Light System. *International Journal of Computer Techniques, 8*(5), 23-28
- Balogun J.A, **Kasali, F.A**., Adekola, O. D., Idowu, P. A., Akinyemi, I.O. (2021). A Classification Model for the Survival of Patients with Hepatitis C Disease using Decision Trees. Mountain Top University Journal of Applied Science and Technology
- **Kasali, F. A**., Balogun J. A., Adekola, O. D., Akinyemi I.O. (2021). Design and Evaluation of a User Centred Course-Based Timetable Scheduling System. Mountain Top University Journal of Applied Science and Technology 1(1)
- Sani, G., Oladapo, F .O., Ogbuju, E., Abdu, H., Agbo, F. J., Ojochegbe, O. R., **Kasali, F. A.** (2021). Prediction of Students' Attrition from Pursuing Computer Science Degree using Machine Learning Techniques. 4th Asian Conference on Science, Technology and Medicine. Nov 20-21, U.A.E., Dubai
- Olowo, E. A., **Kasali, F. A.,** Igiri, C. P., Adekola, O. (2021). The design of a Data Warehouse for Small Scale Enterprises (SMEs). Mountain Top University, 1st CBAS Conference on

Unforseen COVID-19 Disruptions: Surmounting the unintended tension towards economic rejuvenation and sustainable development, Oct 28-29, 2021.

- Akinsola, J.E.T, Akinseinde, S., Kalesanwo, O., Adeagbo, M., Oladapo, K., Awoseyi, A & **Kasali F.A**. (2021). Application of Artificial Intelligence in User Interfaces Design for Cyber Security Threat Modeling. Book chapter in Intelligent User Interfaces. Intech Open Publishers, ISBN: 978-1-839-62-897-9.
- M.A. Adeagbo, J.E.T. Akinsola, A.A. Awoseyi, **F. Kasali** (2021). Project Implementation Decision using Software Development Life Cycle (SDLC) Models: A comparative Approach. Journal of Computer Science and its Application, 28(1), 121-132
- Balogun, J. A., **Kasali, F**., Akinyemi, I. O., Akinyemi, B. O., & Idowu, P. A. (2021). Towards the Design of a Geographical Information System for Tracking Terrorist Attacks Online in Nigeria. In Saravanan, P., & Balasundaram, S. R. (Ed.), Privacy and Security Challenges in Location Aware Computing (pp. 177-199). IGI Global. http://doi:10.4018/978-1-7998-7756-1.ch008
- Mathew, O. Adewole, Akindele, A. Onifade, Fara, Aini, Abdullah, **Funmilayo Kasali**, Ahmad, Izani. Modeling the Dynamics of COVID-19 in Nigeria (2021). International Journal of Applied and Computational Mathematics, 7(67), 1-25. Springer. Q3 Scopus Indexed.
- Olubukola D. Adekola, Yaw mensah, Stephen O. Maitanmi, Oyebola Akande, **Funmilayo A. Kasali**, Ayokunle Omotunde, Wumi Ajayi and Oluwatosin Ajiboye. An Online Road Transport Booking System. Asian Journal of Computer Science and Technology, 10(2), 1-5. ISSN: 2249-0701
- **Kasali, F.A.**, Adekola, O.D, Akinyemi, I.O., Ebo, I. O., Balogun, J. A. (2020). A model for ranking the usability attributes of mobile health applications in Nigeria (MCDM Approach). Covenant Journal of Informatics and Communication Technology (CJICT), 8(2), 1-17. SSN: Print 2354-3566, Electronics 2354-3504
- **Kasali, F.A.**, Akinyemi, I.O, Balogun, J.A, & Ebo, I.O (2020). Ranking the factors affecting ICT usage among youth –led agribusiness in different Agricultural Value Chains (AVC) in Nigeria. Mountain Top University Journal of Entrepreneurship and Sustainable Development, 2(2), 14-30
- Taiwo, O. O., **Kasali, F. A**., Akinyemi, I. O., Kuyoro, S. O., Awodele, Ogbaro, D. D. and Olaniyan, T. S. (2019).Stratification of Chronic Myeloid Leukemia Cancer Dataset into Risk Groups using Four Machine Learning Algorithms with Minimal Loss Function. African Journal of Management Information Systems, 1(2), 1-18.
- **Kasali, F. A**., Taiwo, O.O, Akinyemi, I. O., Awodele, O. and Kuyoro, S. O. (2019). An enhanced usability model for mobile health application. International Journal of Computer Science and Information Security, 17(2), 20-29.
- **Kasali, F. A.,** Olaniyan, O. O., Akinyemi, I. O., Alaba, O. B., & Olaniyan, T. S. (2019). Evaluation of a Cross platform Persuasive m-Health App for Body Fitness using Analytic Hierarchy Process. Proceedings of Institute of Operational Research and Management Science of Nigeria on The Role of Operations Research in Achieving Sustainable Development at Mountain Top University, 22nd- 26th July, 2019
- Olaniyan, O. O**., Kasali, F. A**., Akinyemi, I. O., Alaba, O. B., & Olaniyan, T. S. (2019). Minimal Loss Function Determination on Four Machine Learning Algorithm using Chronic Myeloid Leukemia Cancer Dataset. Proceedings of Institute of Operational Research and Management Science of Nigeria on The Role of Operations Research in Achieving Sustainable Development at Mountain Top University, 22nd- 26th July, 2019
- Akinsola, J. E. T., Kuyoro, S. O., Awodele, O. & **Kasali, F, A**. (2019). Performance Evaluation of Supervised Machine Learning Algorithms Using Multi-Criteria Decision Making Techniques. International Conference on Information Technology in Education and Development (ITED), 24-26 April, 2019. Baze University, Abuja Nigeria pp. 17 – 34
- Taiwo, O. O., **Kasali, F. A**., & Olaniyan, T. S. (2018). A framework for big data analytics in value creation. *UNIOSUN International Journal of Business Administration, 2*(2), 170-182.

- Rahmon, I., Omotosho, O., & **Kasali, F. A**. (2018). Diagnosis of Hepatitis using Adaptive Neuro-Fuzzy Inference System (ANFIS). International Journal of Computer Applications 180(38):45-53, May 2018 https://www.ijcaonline.org/archives/volume180/number38/29383-2018917020
- **Kasali, F. A**., Kuyoro, A, & Awodele, O. (2017). Systematic Review of Persuasive Health Technology Design and Evaluation Models. International Journal of Computer Science and Business Informatics (IJCSBI), 17(1), 12-27, ISSN: 1694-2108, June 2017, www.ijcsbi.org/index.php/ijcsbi/article/view/732
- **Kasali, F. A**., Awodele, O., Kuyoro, S., Akinsanya, A., & Eze, A. (2017). A Conceptual Design and Evaluation Framework for Mobile Persuasive Health Technologies (Usability Approach). Research Journal of Mathematics and Computer Science 1(1), 1-16. escipub.com/rjmcs-2017-10-1401/
- Awodele, O., **Kasali, F. A**., Kuyoro, S., & Osisanwo, F. Y. (2016). Design of a User Centered web based expert system for assisted via result confirmation in Nigeria, Journal of Emerging Trends in Computing and Information Sciences, Vol. 7, Number 11, Jan. 2016, 745-757, ISSN 2079-8407, http://www.cisjournal.org
- **Kasali, F. A**., Adekunle, Y. A., Izang, A.A., Ebiesuwa, O., & Otusile, O. (2016). Evaluation of Formal Method Usage amongst Babcock University Students in Nigeria, Communications on Applied Electronics (CAE), ISSN: 2394-4714, Foundations of Computer Science, New York, USA, Volume 5, No 1, May 2016, www.caeaccess.org
- Izang, A. A, **Kasali, F. A**., Ajayi, W. S., & Adegbenjo, A. (2016). The Role of Social Media on Online Dating and Sustainable Marriage, International Journal of Multidisciplinary Sciences and Engineering, Vol. 7, No. 7, 2016. ISSN: 2045-7057
- Kuyoro, S., & **Kasali, F. A**. (2015). Employing Technology Acceptance Model (TAM) to Determine the Acceptance of Diagnostic System for Cervical Cancer Screening in Developing Countries, International Journal of Computer Applications, Volume 127, Number 13, Pg. 11-16, October 2015 Published by Foundation of Computer Science, New York, USA
- **Kasali, F. A**., Kuyoro, A., & Awodele, O. (2015). Text Mining Approach in Curtailing Cyber-Crimes in Nigeria, International Journal of Computer Science Trends and Technology, Volume 3, Issue 6, Nov-Dec 2015, ISSN: 2347-8578

CONFERENCES/WORKSHOPS ATTENDED

1. International Conference on Advanced Computerized Systems and Emerging Technologies, Babcock University, 2014
2. International Conference on Information Technology for Inclusive Development, 12th International Conference by Nigeria Computer Society, 2015
3. International Conference on Intelligent and Emerging Trends, Babcock University, 2016
4. International Conference of the Institute of Operational Research and Management Science of Nigeria on The Role of Operations Research in Achieving Sustainable Development at Mountain Top University, 22nd- 26th July, 2019
5. Nigeria Innovation Summit Themed; Accelerating Nigeria's Economic Growth through Innovation, August 20-21, 2019
6. 2nd International Conference on Entrepreneurship (MTU-ICE): Entrepreneurship as a Veritable Tool for Economic Sustainability in the COVID 19 Era, 14th – 15th of October, 2020
7. Advanced Digital Appreciation Program for Tertiary Institutions: Statistical Package for Social Sciences by Digital Bridge Institute; International Centre for Information and Communications Tech. Studies, Nov 23-27. 2020
8. Workshop on Quantum Computing and Robotic Science organized by the Nigeria Computer Society, December 8th – 12th, 2020.
9. National Workshop on Government-Industrial-Academia (GIA) Linkages organized by National Center for Technology Management, 24-25 March, 2021 at NACETEM headquarters.

10. Workshop on The Next Opportunity for Engineering Education: Redefining the Model organized by IEEE, August 4, 2021
11. Capacity Building Workshop on 21st Century University Curriculum Review in Mountain Top University, January 2022
12. International Conference on Smart, Secure and Sustainable Nation, August 2-4, 2022 Organized by Nigeria Computer Society
13. Workshop on Overview of Open and Distance Learning for Mountain Top University, August 23-25, 2022
14. Workshop on Overview of Open and Distance Learning for Mountain Top University, March 7-9, 2023
15. HAQAA2 MOOC series on African Regional and Continental Integration and Cooperation in Higher Education.(Online Training)

RESEARCH FOCUS
Computational Modeling, Human Computer Interaction, Information Systems , Health Informatics, Machine Learning,

PROFESSIONAL AND SOCIAL LINKS
Google Scholar: https://scholar.google.com/citations?hl=en&user=1hqlus0AAAAJ

ORCID: https://orcid.org/0000-0001-5794-3657

Researchgate: https://www.researchgate.net/profile/Funmilayo_Kasali2

LinkedIn: https://www.linkedin.com/in/funmilayo-kasali-855ba9119/

Scopus Profile: https://www.scopus.com/authid/detail.uri?authorId=57223029719

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REFEREES
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