

Ajayi, Ebenezer Akinyemi
Faculty of Information Science and Technology, Multimedia University, Melaka Campus, Malaysia
e-mail: ebeseun@gmail.com, GSM: +601133305750; +60192907420; +2347020396898
WhatsApp: +2348037442400; +60192907420

Personal Information

Sex:	Male
Place of Birth:	Ilesa
Date of Birth:	16th November 1978
Marital Status:	Married
State of Origin:	Osun State
L.G.A:	Ilesa- West.
Home Town:	Ilesa
Nationality:	Nigerian
Permanent Home Address:	CH54, Ajogba Aveneu, Irete-Ayo, Ilesa
Discipline:	Computer Science
Language Spoken:	English and Yoruba
Number of Children:	3(Three)
Name of Children:	Ajayi Jesse and Ajayi Japheth (11 years, 4 month) Ajayi Delight (8 years, 4 months)
Present Rank:	Senior Lecturer
Grade Level	CONPCASS 7/4
Employer:	Kebbi State Polytechnic, Dakingari, Kebbi State, Nigeria
Employment Status:	Full-Time

Institution Attended with Dates

Multimedia University, Melaka Campus, Malaysia	2019-Till Date
Federal University of Technology, Akure, Ondo State	2011- August 2014
Federal University of Technology, Minna, Niger State	2006-2007
Federal Polytechnic Offa, Kwara State.	1996-2002
Saint Lawrence's Grammar School, Ilesa, Osun State.	1990-1995
Saint John School 'B' Iloro, Ilesa Osun State	1984-1989

Academic Qualifications:

Doctor of Philosophy (PhD in Information Technology)	(In-view)
Master in Technology (M-Tech in Computer Science)	(CGPA of 4.0)
Post Graduate Diploma (PGD in Computer Science)	(Distinction)
Higher National Diploma (HND in Computer Science)	(Upper Credit)
National Diploma (ND in Computer Studies)	(Upper Credit)

Senior Secondary School Certificate Examination **(Excellent)**

Primary School Leaving Certificate **(Merit)**

Working Experience

1. National Youth Service Corps (N.Y.S.C.)

Sanctuary Of Mercy,

P.O Box 229,

Idah, Kogi State.

2. Federal Polytechnic Idah,

P.M.B 1037, Idah Kogi State.

3. ETM Consults Ltd.

Suite 2 Office Plaza, Kings Court Estate, Shasha-Lagos

4. Kebbi State Polytechnic,

Dakingari, Kebbi State

5. Graduate Research Assistant

Multimedia University,

Faculty of Information Science and Technology (FIST), Melaka Campus

Malaysia.

Job Designation

1. National Youth Service Corps

Director of Computer School

2. Federal Polytechnic Idah

Computer Technologist (2004-2008)

3. ETM Consults Ltd. Lagos

Principal System Technologist (2008 – April 2015)

4. Kebbi State Polytechnic, Dakingari, Kebbi State

Senior Lecturer (April 15, 2015 -Till Date)

5. Multimedia University, Melaka Campus, Malaysia

Multimedia University Graduate Research Assistance (MMU-GRA)

Professional Body

- | | | |
|----|---|---------------|
| 1. | Nigeria Computer Society (NCS) | Member |
| 2. | Computer Professional Council of Nigeria (CPN) | Member |
| 3. | Information Technology System and Security Professionals (ITSSP) | Member |
| 4. | Nigeria Information Technology Practitioner in Civil and Public service (NITPCS) | Member |
| 5. | Academia in Information Technology Professionals (AITP) | Member |

Extra-Curricular Activities

- | | | | |
|----|---------------------------------|-----------------------------|-------------------|
| 1. | IntechOpen | - January 2021 – Till date | (Reviewer) |
| 2. | Artificial Intelligence Reviews | - January 2020 –Till date | (Reviewer) |
| 3. | IEEE Access | - November 2020 – Till date | (Reviewer) |

4. IET Computer Vision - November 2020 – Till date **(Reviewer)**
5. Academia in Informational Technology Professionals (AITP) - 2019 Till date **(Reviewer)**
January 2019 – Till date
6. School of Science, Kebbi State Polytechnic, **(Dean of School of Applied Sciences)**
Dakingari, Kebbi State September 14, 2015 - December 2017
7. Computer Science Department, Kebbi State Polytechnic, **(HOD)**
Dakingari, Kebbi State September 14, 2015 – December 2017
8. ICT Policy and Implementation Committee, Kebbi State Polytechnic, **(Chairman)**
Dakingari, Kebbi State September 14, 2015 –December 2017
9. Curriculum Development Committee Kebbi State Polytechnic, **(Member)**
Dakingari, Kebbi State September 14, 2015 – December 2017
10. Research and Publication Committee, Kebbi State Polytechnic, **(Member)**
Dakingari, Kebbi State September 14, 2015 – December 2017
11. Sport Committee, Kebbi State Polytechnic, Dakingari, Kebbi State September 14, 2015 - December 2017 **(Member)**
12. Entrepreneurship Development Steering Committee **(Member)**
Kebbi State Polytechnic, Dakingari October 2016- December 2017
13. Ad-Hoc Committee on Establishment of Electrical/Electronic Engineering Programme **(Member)**
Kebbi State Polytechnic, Dakingari October 2016 - December 2017
14. Ad-Hoc Committee on Student Registration Number Generation **(Member)**
Kebbi State Polytechnic, Dakingari October 2015
15. Conference Registration Committee for 2016 National Conference of Nigeria Computer Society **(Member)**
April 2016 – August 2016
16. Conference Registration Committee for 2017 National Conference of Nigeria Computer Society **(Member)**
April 2017 – August 2017
17. Technical Committee in Communication System of International Federation of **(Member)**
Information Processing **(ifip)** December 2014- Till date
18. Nigeria Information Technology Practitioner in Civil servant (NITPCS) July 2014-Nov 2018 **(National Deputy President)**
19. Academia in Information Technology Professionals **(AITP)** **(Secretary)**
20. Constitution Review Committee of Nigeria Computer Society February, 2014-Till date **(Member)**
21. Presidential Advisory Committee of Nigeria Computer Society October 2013-2015 **(Member)**
22. Local Organizing Committee for 2014 National Conference of Nigeria Computer Society **(Member)**
February 2014- August 2014.
23. Education and Manpower Development Committee, Nigeria Computer Society **(Member)**
October, 2013-Till date
24. Education and Manpower Development Committee, Nigeria Computer Society **(Chairman)**
Kogi State Chapter February, 2014-Till date
25. Nigeria Computer Society, Kogi State Chapter 2009-2013 **(State Chapter Chairman)**
26. Visit Minister of Communication Technology by Nigeria Computer Society in **(Delegate)**
September 2013
27. Web logging bit: ETM Consults Ltd, Lagos 2009-April 2015 **(Chairman)**

28. Design and Implementation Committee, **Result Processing System** for Tertiary Institution: Nigeria Computer Society Kogi State Chapter 2009-Till date **(Chairman)**
29. Design and Implementation Committee, **Computer Based Test:** Nigeria Computer Society Kogi State Chapter 2011-Till date **(Member)**
30. Design and Implementation Committee, ICT Disaster Recovery and Contingency Planning: **(Member)** ETM Consults Ltd, Lagos 2009-April, 2015
31. ICT Committee: Idah Microfinance, Idah Kogi State 2013- April, 2014 **(Member)**
32. Federal Polytechnic Idah Software Development Committee 2004-2008 **(Patron)**
33. Accreditation **Committee Member selected by NBTE** to Federal Polytechnic Auchi Edo, State -December 2011 **(Member)**
34. Ad-Hoc Committee on 2008 Accreditation Committee in Federal Polytechnic Idah, Kogi State. **(Member)**
35. NYSC/Road Safety Club, Idah, Kogi State. 2003-2004 **(Member)**
36. Publication Committee, Nigeria Computer Society Kogi State Chapter 2011-Till Date **(Member)**

Conference/Workshop attended with Date

1. 2003 International Conference of Nigeria Computer Society held at International Conference Centre Abuja in July 21st-25th, 2003.
2. TVET Computer Hardware Training Workshop organized by National Board for Technical Education (NBTE) held in Kaduna, February 2007.
3. 2010 National Conference of Nigeria Computer Society held at Orchid Hotel, Asaba Delta State July 27th- 30th, 2010.
4. 2011 International Conference of Nigeria Computer Society held at in International Conference Centre Abuja in July 25th-29th, 2011.
5. 2012 National Conference of Nigeria Computer Society held at Le-Meridian Ibom Hotel, Akwa-Ibom State in July 25th-27th, 2012.
6. 2012 Nigeria Computer Society Research and Development Workshop held at University of Lagos in November 13th-15th, 2012.
7. Moodle-E-learning programme Training Workshop organized by National Board for Technical Education NBTE held in Kaduna, August 2012
8. 2013 International Conference of Nigeria Computer Society held at Royal Park Hotel, Iloko-Ijesa, The State of Osun – Nigeria July 24th -26th, July 2013
9. 2014 Nigeria Computer Society Research and Development Workshop held at Centre of Excellence, Obafemi Awolowo University Ife, Osun State in March 4th -6th 2014.
10. 2014 National Conference of Nigeria Computer Society held at Nike Lake Resort, Enugu, Enugu State July 23rd -25th, 2014.
11. 5-Day hands-on Workshop on Cloud Computing organized by Nigeria Computer Society in collaboration with Furtwangen University, Germany held at Centre of Excellence, Obafemi Awolowo University Ife, Osun State in August 25th -29th 2014.
12. 2014 Nigeria Computer Society Kogi State Chapter Research and Development Workshop held at Kogi State Polytechnic, Lokoja, Kogi State in November 27th 2014.
13. Gaps in Data Privacy and Security, the socio-economic benefit of accelerated adoption of cloud services in SMEs, education sector and statutory frame work in Nigeria. A Joint Roundtable research work presentation organized by The Nigeria Institute of Advance Legal Studies (NIALS) in collaboration with Microsoft

Corporation held at Protea Hotel Apo, Abuja in December 4th, 2014.

14. 2015 International Conference of Nigeria Computer Society held at Jojein, Akure, Ondo State July 22nd -24th, 2015.
15. 2016 International Conference of iSTEAMS held at University of Professional Studies(UPS) Accra, Ghana March 21st -23rd March, 2016
16. 2016 National Conference of Nigeria Information Technology Practitioners in Civil and Public Service (NITPCS) held at Obasanjo Space Centre, Abuja April 13th -15th 2016.
17. 2016 Information Technology Professionals' Assembly held at Hotel Seventeen, Kaduna June 8th -9th 2016.
18. 2016 National Conference of Nigeria Computer Society held at NAF Conference Centre, Abuja July 19th -21st, 2016.
19. 2017 International Conference of iSTEAMS held at CALEB University, Imota, Lagos May 31st -2nd June 2017
20. 5-Day Short-course, Workshop, and Roundtables in Big Data, Design Thinking and Women in Technology organized by Association of Computing Machinery Ibadan Chapter held at the Distance Learning Centre, University of Ibadan, Nigeria in July 10 to July 14, 2017.
21. 2017 Information Technology Professionals' Assembly held at International Conference Center, Abuja June 28th -29th, 2017
22. 2017 International Conference of Nigeria Computer Society held at Chida International Hotel, Abuja July 18th -20th, 2017.

National and International Academic Journal Publication with Date

- i. Alhasan, S., **Ajayi, A. E.**, and Wisdom, D. D. A Comparative Performance Study of Machine Learning Algorithms, for Efficient Data Mining Management of Intrusion Detection Systems. International Journal of Engineering Applied Sciences and Technology, 2020 Vol. 5, Issue 6, ISSN No. 2455-2143, Pages 85-110
- ii. D. D. Wisdom, **E. A. Ajayi**, S. O. Akindayo, Y. M. Yanah, E. Kwaide, S. A. Shehu (2020). An Efficient Automated Revenue Generation Database Management System. Annals. Computer Science Series Journal. Pp 52-64.
- iii. Obe O.O., **Ajayi E.A.** and Odewale O.O (2020). Genetic Algorithm Based Optimal Trajectories Planning for Robot Manipulators on Assigned Paths. International Journal of Emerging Trends in Engineering Research. Volume 8. No. 8, August 2020. Pp 4888-4893.
- iv. D.D. Wisdom, B.I. Adam, B.A Abdulahi, B.R. Mairiga, **E.A. Ajayi**, and B. Danjuma (2020). Combatting Cybercrimes in the Education Sector. International Journal of Engineering Applied Sciences and Technology. Vol. 5, Issue 4, ISSN No. 2455-2143, Pages 108-117
- v. **Ajayi, E. A.**, B.F. Ajayi & M. Ugbede (2017): Generative Adversarial Network Approach to Game-Based Intrusion Detection System. Journal of Digital Innovations & Contemporary Research in Science, Engineering and Technology. Vol. 5, No. 4. Pp 57-68
- vi. **Ajayi, E.A.**, Ajayi, B.F. and Alese, B.K. (2017). Comparative Analysis between Instance-Based Learning Model and Hidden Markov Model in handling Keystrokes Analysis Problem on Secure Shell. Journal of Digital Innovation & Contemporary Research in Science, Engineering, and Technology. Volume 5 No.2. Pp 123-136.
- vii. **Ajayi, E.A.**, Alese B.K., Dahunsi, F.M. and Ajayi, B.F. (2016): "Keystrokes Timing Analysis and Timing Attacks System on Secure Shell: Instance-Based Learning (IBL) Model Approach Revisited. Advances in Multidisciplinary & Scientific (AMIS) Research Journal Vol 2 No. 2, 2016 Series.

- viii. **Ajayi, E.A.**, Alese, B.K., Dahunsi, F.M. and Durojaye, S. (2013): Instance-Based Learning Model for timing analysis of keystrokes to perform timing attacks on the Secure Shell protocol. Asian Journal Computer and Information Systems (ISSN: 2321 – 5658) Volume 01– Issue 04.

National and International Conference Papers

- i. Daniel Dauda Wisdom, Arinze Uchechukwu Christian, **Ajayi Ebenezer Akinyemi**, Ajayi Akinbola Olugbenga, Eneh Agozie Hyacinth and Olorunyomi Segun Omotayo (2021): Comprehensive Performance Analysis and Delay Aware Power Saving Scheme (Dapss) in Wireless Networks. Proceedings of 2021 International Conference on Innovative Systems for Digital Economy, Nigeria Computer Society, held on 3rd-9th August, 2021, Uyo Akwa Ibom State. Pg 239 – 248.
- ii. **Ajayi, E.A.**, Idris, H, Daniel, W.D. and Arinze, U.C. (2021): Quality of Service (Qos) Aware Power Saving Scheme in IEEE 802.16e Networks. Proceedings of the 27th iSTEAMS Multidisciplinary Innovations & Technology Transfer (MINTT) Conference. Academic City University College, Accra, Ghana. June, 2021. Pp 19-40
- iii. Wisdom, D.D., **Ajayi, E.A.**, Aladesote, O.I., and Arinze, U.C. (2021): A Comprehensive Survey On Power Saving Schemes (CSPSS) In IEEE 802.16E/M Networks. Proceedings of the 27th iSTEAMS Multidisciplinary Innovations & Technology Transfer (MINTT) Conference. Academic City University College, Accra, Ghana. June, 2021. Pp 145-166
- iv. D.D. Wisdom, **E.A. Ajayi**, A.U. Christian, H. Idris, M.D. Bello and I.O Aladesote (2021): An Optimized Twin Battery Resource Management Scheme in IEEE 802.16e Networks presented at 6th International Congress on Information & Communication Technology (ICICT 2021) held during February 25-26, 2021 London, United Kingdom via Digital Platform Zoom
- v. O.I. Aladesote, and **E.A., Ajayi** (2020): Probing Attack Detection using JRIP Classifier. Proceedings of the 2020 International Virtual Conference on Information Technology in Education and Development (ITED) of Academia in Information Technology. Pp 179-182.
- vi. D.D., Wisdom, **E.A., Ajayi**, and M. K. Hamza, O.O Odewale (2019): Cybercrime: A threat to a Moral Society. Proceedings of the 2019 International Conference on Information Technology in Education and Development (ITED) of Academia in Information Technology Profession, Baze University, Abuja. Pp 364-375.
- vii. Wisdom, D.D., Tambuwal, A.Y., Chum, P.B., **Ajayi, E.A.** and Adamu, H.K. (2018): Enhanced Model for Computer Viruses Counter Measures. Proceedings of the 2018 International Conference on Information Technology in Education and Development (ITED) of Academia in Information Technology Profession, Baze University, Abuja. Pp 129-135.
- viii. **Ajayi, E.A.**, Alese, B.K., Iwasokun, G.B., Ayodele, O.S., Ajayi, B.K., Musa, U & Ilugbusi, A.A. (2017): Game Theory Approach to Intrusion Detection System. Proceedings of the 9th iSTEAMS Multidisciplinary Conference, University of Ghana, Legon, Accra Ghana. Pp 185- 192.
- ix. **Ajayi, E.A.**, Ajayi, B.F., Alese B.K., Dahunsi, F.M. and Oyeniran, A.T. (2017). Keystrokes Timing Analysis on Secure Shell: Instance-Based Learning Model versus Hidden Markov Model. Proceeding of the 8th iSTEAMS Multidisciplinary Conference, CALEB University, Lagos, Nigeria. Pp73-84
- x. **Ajayi, E.A.**, Alese B.K., Dahunsi, F.M. and Ajayi, B.F. (2016): "Keystrokes Timing Analysis and Timing Attacks System on Secure Shell: Instance-Based Learning (IBL) Model Approach Revisited presented at 2016 International Conference of iSTEAMS held at University of Professional Studies(UPS) Accra, Ghana March 21st -23rd March 2016.
- xi. Ayodele, O. and **Ajayi, E.A.** (2013): Adopting e-Government in Kogi State: An Alternative Approach presented at Annual State Conference of Nigeria Computer Society, Kogi State Chapter, May 2013.
- xii. Oladunjoye, M.I., **Ajayi, E.A** and Adeleke, T.O. (2012): Effective Use of Information Communication Technology to create Wealth and Job in Subsidy Re-Investment Policy of Nigerian Government presented at Annual State Conference of Nigeria Computer Society, Kogi State Chapter, May 2012.

- xiii. **Ajayi, E.A.**, Oladunjoye M.I., Aladesoite, I.O and Adeleke, T. O. (2012): On-line Record Keeping System for Nigeria Tertiary Schools at Annual State Conference of Nigeria Computer Society, Kogi state Chapter, May 2012.

Book Chapter contribution with Date

- i. Emmanuel B. G., Daniel D. W., Grace G. J., Mohammad A. A., Samson I & **Ajayi E.A** (2021). Mathematical recipe for curbing coronavirus (COVID-19) transmission dynamics. In Utku Kose, Deepak Gupta, Victor de Albuquerque, & Ashish Khanna(Eds), Data Science for Covid-19 volume1(1st ed, chapter 28). Elsevier. <https://www.elsevier.com/books/data-science-for-covid-19-volume-1/kose/978-0-12-824536-1>
- ii. Emmanuel B. G., Daniel D. W., Mohammad A. A., Onwuka G.I., **Ajayi E.A** & Odewale O.O. (2021). Modeling the transmission Dynamics of COVID-19 virus diseases in Nigeria. In M. Niranjnamurthy, Siddhartha Bhattacharyya, Neeraj Kumar (Eds.), Intelligent Data Analysis for COVID-19 Pandemic. Springer. Accepted for publication.

Paper Represented at Workshop/Conferences with Date

- i. Round table talk on Africa Artificial Intelligence Stakeholders' Summit held on Tuesday, December 14, 2021 at Amphitheatre 3, Academic City University College, Accra, Ghana, West Africa. – One of the Panellists.
- ii. Virtual Laboratory: A Practical Approach to Conducting a Successful Laboratory-Based Research at the Pandemic Period presented at Kogi State Chapter of Nigeria Computer Society online webinar held on 20th April 2021.
- iii. Game-Based Intrusion Detection System using Stochastic Approach presented at Computer Society Kogi State Chapter Research and Development Workshop held at Kogi State University, Anyigba, Kogi State, June 8th, 2015.
- iv. Student Mentorship- a case study of Nigerian Student at 2014 Nigeria Computer Society Kogi State Chapter Research and Development Workshop held at Kogi State Polytechnic, Lokoja, Kogi State in November 27th 2014.
- v. Instance-Based Learning Model for Timing Analysis of Keystrokes and Timing Attacks on Secure Shell presented at Research Consortium on Information Technology Innovations (**ReCITI 2013**) at Royal Park Hotel, Iloko-Ijesa, The State of Osun – Nigeria July 24th -26th, July 2013.
- vi. The need for professionalism in Computer Science at the annual summit Nigeria Association of Computer Science Student (NACOSS) Federal Polytechnic Idah Chapter, May 2006.

Course Taught in the University from 2019 – Till date

S/no	Course Code	Course Name	Level
1.	TDB 1131	Database System	UG1
2.	TAO 1221	Computer Architecture and Organization	UG1
3.	TDC 1231	Data Communication and Networking	UG1
4.	TML 2221	Machine Learning	UG2
5	STW 3241	Semantic Web Technology	UG3
6.	TAI 2151	Artificial Intelligence Fundamentals	UG2

Published Practical Manual

- Automata Theory Practical Manual (COM 417) for Higher National Diploma II
- Object-Oriented COBOL Programming Language Practical Manual (COM 213) for National Diploma II
- Operating System Practical Manual (COM 311 & COM 321) for Higher National Diploma I
- Operating System Practical Manual (COM 114) for National Diploma I

Practical Manual Ready for Publication

- Database Design Practical Manual (COM 312 & COM 322) for Higher National Diploma I
- ICT Disaster Recovery and Business Continuity (COM 417) for Higher National Diploma II
- Data Structure and Algorithms Manual (COM 124) for National Diploma I
- Android Application Programming Manual (COM217) for National Diploma II
- OO JAVA Programming Language Manual (COM121) for National Diploma I

15 Practical Manuals for National Diploma (ND) and Higher National Diploma (HND) in Computer Science Undergoing Review for Publication

Unpublished Work/ Projects

- 4-G Technology Concept and Implementation
- Automated Library System in Federal Polytechnic Idah
- Design and Implementation of Computer Networking and Cyber-Café Software

Hobbies:

Reading, Lecturing, Design, Programming

Referees:

- i. Dr Kian Ming Lim
Faculty of Information Science and Technology,
Multimedia University, Melaka Campus Malaysia.
+60126100170
- ii. Dr Adedapo Ojo
Faculty of Management,
Multimedia University, Cyberjaya Campus Malaysia.
+60102836065
- iii. Prof. Boniface Kayode Alese
Computer Science Department,
Federal University of Technology, Akure, Ondo State Nigeria.
+2348034540465