

1. Name: Falana, Olorunjube James

2. Status: Assistant Lecturer

3. Abridged Profile

Olorunjube James Falana is a lecturer in the Department of Computer Science, Federal University of Agriculture, Abeokuta, Ogun State. Skilled in Python programming, Java, Data Science, Database, JavaScript, Networking and Malware Analysis. Olorunjube's research cuts across Malware Analysis, Internet of Things (IoT), Cyber security. On Malware Analysis, he has investigated different machine learning techniques for detecting malware. He is currently working on an effective management strategy for cyberattacks

4. Email: falanaoj@funaab.edu.ng

5. Curriculum Vitae

CURRICULUM VITAE

1. PERSONAL

Name	FALANA, Olorunjube James
Date of Birth	04-04-1984
Sex	Male
Place of Birth	Akungba Akoko
Marital Status	Married
Nationality	Nigerian
Town and State of Origin	Akungba Akoko/ Ondo-State
Local Government	Akoko South West
G.S.M Phone Number	07039205212
Contact Address	2,Adenekan Street, Gbonogun Obantoko Abeokuta, Ogun State
Email Address	falanaoj@funaab.edu.ng , fjjubel@gmail.com
Language	English, Yoruba
Position	Assistant Lecturer
Present Post	AL/02 Step 1

2. QUALIFICATIONS:

A. EDUCATIONAL INSTITUTIONS ATTENDED (WITH DATES)

- | | | |
|------|--|-----------|
| i. | Federal University of Agriculture Abeokuta, Nigeria | 2016-Date |
| ii. | Federal University of Agriculture Abeokuta, Nigeria | 2011-2014 |
| iii. | Federal University of Agriculture Abeokuta, Nigeria | 2005-2010 |
| iv. | Nawair-ud-een High School, Oke-Ijeun Abeokuta, Nigeria | 2002-2003 |
| v. | Oroke High School Akungba Akoko, Ondo state, Nigeria | 1997-2002 |
| vi. | Community Primary School Akungba Akoko, Ondo State | 1991-1996 |

B. ACADEMIC QUALIFICATIONS (WITH DATES)

- | | | |
|------|--|---------------|
| i. | Ph.D. Computer science | In-view |
| ii. | M.Sc. Computer Science | October, 2014 |
| iii. | B.Sc. Computer Science | April, 2010 |
| iv. | Senior School Certificate in Education | June, 2003 |

C. PROFESSIONAL QUALIFICATIONS (WITH DATES)

- | | | | |
|------|---|---|-------------|
| i. | CNSS Expert | Certified Network Security Specialist | 2020 |
| ii. | CCNA Instructor Course | Cisco Certified Network Associate | Feb., 2015 |
| iii. | Advanced Digital Appreciation Programme for Tertiary Institutions | Digital Bridge Institute | March, 2014 |
| iv. | OCA | Oracle 11g Database Administrator Certified Associate | June, 2010 |

- | | | | |
|-----|---------------------|--|-------------|
| v. | SQL Expert | Oracle Database SQL Certified
Expert | April, 2010 |
| vi. | IT Essential | CISCO IT Essential
PC Hardware & Software | June, 2009 |

D. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

- i. Member of Nigerian Computer Society (NCS ID: 07868)

3. SCHOLARSHIP, AWARDS, PRICES



- | | | |
|-----|---|-----------|
| i. | Federal Government Scholarship Award for Postgraduate Studies | 2012-2014 |
| ii. | Ondo State Government Award for Undergraduate Studies (300L) | 2009 |

4. WORK EXPERIENCE



A. TEACHING AND RESEARCH

- i. Assistant Lecturer** (Jan. 2016 – Date)

Department of Computer Science and Mathematics, Mountain Top University Ibafo, Ogun State

Duties

- Teaching computer Sciences courses at undergraduate
- Supervision of undergraduate research projects
- Academic Research
- All other responsibilities assigned by the HOD

- ii. Assistant Lecturer** (2012- Dec. 2015)

Department of Computer Science and Statistics, D. S. Adegbenro ICT Polytechnic, Itori-Ewekoro, Ogun State

Duties

- Teaching computer Sciences courses at undergraduate
- Supervision of undergraduate research projects
- Academic Research

- All other responsibilities assigned by the HOD

**B. TEACHING/ADMINISTRATIVE/PROFESSIONAL
EXPERIENCES**

- | | | |
|-----|-------------------------------|-----------|
| i. | Assistant Examination Officer | 2019-Date |
| ii. | Member, College Board | 2019-Date |

**C. COURSES TAUGHT IN THE LAST FOUR SESSIONS AT FEDERAL
UNIVERSITY OF AGRICULTURE ABEOKUTA**

i. 2019/2020 SESSION

S/N	COURSES TAUGHT		UNITS	NO. STUDENTS	NUMBER LECTURERS
	CODE	DESCRIPTION			
1	CSC203	Computer Programming I	3	750	3
2	CSC301	Structured Programming	1	103	1
3	CSC403	Object-Oriented Programming	2	77	2
4	CSC440	Human-Computer Interaction	3	80	2
5	CSC448	Entrepreneur for Computer Science	3	80	2
6	CSC492	Seminar II	1	80	11

ii. 2018/2019 SESSION

S/N	COURSES TAUGHT		UNITS	NO. STUDENTS	NUMBER LECTURERS
	CODE	DESCRIPTION			
1	CSC440	Human-Computer Interaction	3	80	2
2	CSC448	Entrepreneur for Computer Science	3	80	2
3	CSC492	Seminar II	1	80	11

5. RESEARCH

Research in progress:

- i. An Intelligent System for Managing Malware
- ii. Characterization of WhatsApp Messages

6. Extra-Curricular Activities

- i. Playing Table Tennis
- ii. Reading
- iii. Watching Football
- iv. Watching documentaries and meeting people

7. PUBLICATIONS

A. THESIS/DISSERTATION

- i. Falana Olorunjube James (2014). An Adaptive Neuro-fuzzy System for Malware Detection. MSc. Dissertation, Federal University of Agriculture, Abeokuta, Ogun State
- ii. Falana Olorunjube James (2010). Data Centric Security. B.Sc. Project, Federal University of Agriculture, Abeokuta, Ogun State

B. Journal Articles in prints

1. Tinubu C. O. , **Falana O. J.** , Aborisade D.O. , Adejimi O.A & Akinmusire C.B (2021). DDoSDetect: A Behavioral Detection System for HTTP GET Flood Attacks. Journal of Applied Science and Technology (MUJAST). Vol. 1, No. 1 Pp 102-114
2. **Falana, O. J.**, Ebo, I. O., & Odom, I. S. (2021). Se-LMS: SECURED E-LEARNING MANAGEMENT SYSTEMS FOR SMART CHOOOL. *International Journal of Software Engineering and Computer Systems*, 7(1), 36-46.
3. Oyetunji , M.O, Oladeji , F.A. , **Falana , O. J.** & Idowu, P.A. (2017): Prediction of Road Traffic Accident in Nigeria Using Naive Baye's Approach. *Advances in Multidisciplinary & Scientific Research Journal*. Vol. 3. No.1, Pp 23-30
4. Oyetunji , M.O. , Oladeji , F.A. , **Falana, O.J.** & Idowu, P.A. (2017): An ICT Infusion Model for the Nigerian Security Sector. *Journal of*

Digital Innovations & Contemp Res. In Sc., & Eng Vol. 5, No. 1 Pp 101-120

5. Moses Oyekunle Oyetunji, Florence Alaba Oladeji, **Olorunjube James Falana**, Peter Adebayo Idowu. An Online Poultry Diseases Monitoring System for Nigeria. American Journal of Software Engineering and Applications. Vol. 6, No. 2, 2017, pp. 18-28. doi: 10.11648/j.ajsea.20170602.12
6. A. S. Sodiya, **O. J. Falana**, S. A. Onashoga and B. S. Badmus (2014) "Adaptive Neuro-Fuzzy System for malware detection"**The Journal of Computer Science and its Applications** vol. 21, No 2 December 2014. ISSN: 2006 – 5523
<https://www.ajol.info/index.php/jcsia/article/view/150044>
7. A. S. Sodiya, S. A. Onashoga, T. Solarin-Sodara, **O. J. Falana**. (2014) " A Hybrid Approach to Masquerade Detection" The Journal of Computer Science and its Applications vol. 21, No 2 December 2014. ISSN: 2006 – 5523
<https://www.ajol.info/index.php/jcsia/article/view/150076>

C. PAPERS IN REFEREED CONFERENCE PROCEEDINGS

8. Falana, O. J., Sodiya, A. S., Onashoga, S. A., & Oyewole, A. T. (2020, July). PEDAM: Priority Execution Based Approach for Detecting Android Malware. In *The International Conference on Emerging Applications and Technologies for Industry 4.0* (pp. 152-165). Springer, Cham.
9. **Falana, O. J.**, Ebo, I. O., Tinubu, C. O., Adejimi, O. A., & Ntuk, A. (2020). Detection of Cross-Site Scripting Attacks using Dynamic Analysis and Fuzzy Inference System. In 2020 International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS) (pp. 1-6). IEEE
10. Ebo, I. O., **Falana, O. J.**, Taiwo, O., & Olumuyiwa, B. A. (2020, March). An Enhanced Secured IOT Model for Enterprise Architecture. In 2020 International Conference in Mathematics, Computer Engineering and Computer Science (ICMCECS) (pp. 1-6). IEEE
11. **Falana O. J.**, Sodiya A.S. , Onashoga S. A. , Oyeleke O. (2017) H-Detect: Hypervisor-based malware detection for the cloud.

Information Technology System & Security Professionals. proceeding of Information Security Conference 2017 page 11-19

12. S. A. Onashoga, B. Agosun, **O. J. Falana**, O. Oyeleke (2016). Secure Trustworthy Privacy-Preserving Framework for Cloud Data. National computer society, proceeding. page 122-125

13. **O. J. Falana**, M. B. Aliyu, A. S. Sodiya, S.A. Onashoga (2019) DSFA-Detect: Discriminant and Structural Features Analysis of Digital Documents for the Detection of Malicious Bearing Documents. National computer society proceeding

8. CERTIFICATION

I certify to the best of my knowledge that the above information given describes qualifications, experiences and abilities that I genuinely possess.

Date ... 17/10/2021

9. CONFERENCES/WORKSHOP/COURSES ATTENDED (WITH DATES):

- i. International Conference on Emerging Applications and Technologies for Industry 4.0. Organised by Nigeria Computer Society 11th-13th August 2020 (Virtual)
- ii. CODATA-RDA Research Data Science Summer School organised by International Centre for Theoretical Physics. 31st August-11th September 2020
- iii. 3-month Google Africa Scholarship Front-End course from 4th June-22nd August, 2018 (online)
- iv. 3-day Grant and Proposal Writing Workshop, organised by Mountain Top University (17th-19th April, 2018)
- v. Information Security Conference and 2-day workshop on Ethical Hacking and Incidence Handling held in Lagos Chamber of Commerce and Industry (LCCI) Conference centre, Alausa, Ikeja, Lagos (18th-21st October, 2017)
- vi. Workshop on Academic Writing and Publishing held at University of Lagos, Nigeria (12th December, 2017)
- vii. Workshop on Advanced Digital Appreciation Programme for Tertiary Institutions. Organised by Digital bridge held at Mountain Top University, Ogun State (9th-13th May, 2016)
- viii. 2015: CISCO Africa Safari Conference held at University of Lagos, June 2015
- ix. A three-day International conference on E-Government and National Security. Organized by Nigeria Computer Society July. 2013
- x. Workshop on Advanced Digital Appreciation Programme for Tertiary Institutions. Organised by Digital bridge Institute in collaboration with Nigeria University Commission, Federal university Agriculture, Abeokuta