

Olufunke Oyejoke Oladipupo, Ph.D (Nee Ojeniyi)

PERSONAL DATA

Date of Birth: August 26th 1974

Place of Birth: Modakeke

State: Osun State

Nationality: Nigerian

Marital Status: Married

Residential: Flat 3, Block Z2 New Estate, Covenant University, Ota.

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Current Position: Senior Lecurer

Department of Computer & Information Sciences

College of Science and Technology,

Covenant University, Km 10, Idiroko Road, Ota

P. M. B. 1023, Ogun State, Nigeria.

Google Scholar Citations: 87

EDUCATION

S/n	Degree Level	Type	Year	Grade	Institution
1.	OND	OND	1992-1995	Lower Credit	Osun State Polytechnic
2.	1st Degree	B.Sc.	1996-1999	2.1	University of Ilorin, Kwara State, Nigeira
3.	2nd Degree	Msc	2001-2004	67%	Obafemi Awolowo Unversity, Ile-Ife, Nigeria
4.	Doctoral	Ph.D	2004-2012	Doctorial Award	Covenant University, Ota, Nigeria

WORK EXPERIENCE

1996	Industrial Training, Digital Computer School, Ilorin.
1997	Industrial Training, Igbalaye Printing Press, Osogbo, Osun State.
1999-2000	National Youth Service, Imo State School of Nursing (a lecturer)
2001- 2003	Frajo Computers, Ikorodu , Lagos State.(an instructor)
2004-Till Date	Covenant University, Ota, Nigeria (a lecturer)

TECHNICAL EXPERIENCE

- (1) Computer Skills
 - (i) **Programming Languages**
 - PASCAL

- Visual BASIC
- C/ C++
- C#
- MatLab
- Prolog language etc.

- (ii) **Operating Systems:**
Windows
Linus (Unbutu)

TEACHING INTEREST

Undergraduate level

- Introduction to Problem Solving Using C Programming Language
- High Performance Computing & Database Management I
- Numerical Computation
- Discrete Mathematics
- Theory of Computing
- Logic Programming
- Operations Research
- Artificial Intelligence
- Neural Network
- Software Engineering
- Fuzzy Logic (Design of Fuzzy expert system)
- Concept of Programming Languages
- Decision Support

Postgraduate Level

CIS 824:	Advance Database Management Design
CIS 813	Expert System
CIS 814	Machine learning
CSC 717	Artificial Intelligence
CSC 913	Data mining and warehousing

Other teaching interest includes: Operating System, Computer Architecture, Programming languages, E-commerce

PROJECT SUPERVISION

- | | | |
|------|----------------------------------|------------------|
| (i) | B.Sc. Number of students: | 60 Students |
| (ii) | Msc. | 1 student |

CREATIVE WORK/Research Output with Prototype

- (i) **Computerized Admission System.**
A Bsc. Research Project in Computer Science, University of Ilorin, Using Pascal Programming Language, 1999

- (ii) **An Automated Herbarium data Bank**
An M.sc. Research output prototype , OAU, Ile-Ife, Using Visual Basic 6, 2004
- (iii) **A fuzzy expert system for determining Coronary Heart Disease Risk**
PhD. Research Output Prototype, 2012 (Presented at ICT for Africa, Makarere,2012)

ADMINISTRATIVE ROLES

- Department Examination officer
- Level Adviser
- Member, Departmental Curriculum committee
- Member, Departmental Postgraduate curriculum review
- Departmental Postgraduate examination officer
- Chair, Departmental welfare Committee
- Member, Departmental Examination Question review committee
- Matron, Nigeria Association of Computer Science Student
- Treasurer, international conference of Adaptive Science and Technology

COMMUNITY DEVELOPMENT

- Visitation to Cafeteria II for food and environmental check.
- Visitation to Five Secondary Schools in Ota for Teaching on Computer Application Training programming, 2012
- Google Scholarship programming for Secondary Schools Computer teachers and School administrator in Ota (Web Training and applications), 2012.

Editorial Membership

1. **Member**, Editorial board, proceedings of First International Conference and Workshop on Software Engineering and Intelligent Systems. 2010.
2. **Reviewer**, International conference on Adaptive Science and Technology, ICAST proceeding , 2014
3. **Reviewer**, Application Of Information Communication Technology To Teaching Research And Administration Aictra 2014 Proceeding,

SCHOLARSHIP

Thesis/Dissertation

1. Ojeniyi , O.O. (1999): Computerized Admission System, Unpublished B.Sc Thesis, University of Ilorin
2. Ojeniyi,O.O. (2004): A Study on Development of an Automated Herbarium data Bank Unpublished M.Sc. Thesis, Obafemi Awolowo University, Ile-Ife.
3. Oladipupo O.O. (2012): A Fuzzy Association Rule Mining Expert-Driven Approach to Knowledge Acquisition. Unpublished M.Sc. Ph.D Thesis, Covenant University.

Books Published

1. **Olufunke Oladipupo** (2012). Fuzzy-Mining Expert-Driven Approach to Knowledge Acquisition. LAMBERT Academic Publishing. ISBN: 6-866121.

Journal Articles

1. Omolehin J.O., Oyelade O. J. and **Ojeniyi O. O.** and K. Rauf (2005): *Application of Fuzzy Logic in Decision Making on Students' Academic Performance.*, Bulletin of Pure and Applied Sciences (An International Research Journal of Sciences) Vol 24E (No. 2) 2005: P. 381-387, Delhi.
2. Omolehin J.O., **Ojeniyi O. O.**, Oyelade O. J. and K. Rauf (2006): *Effect of Update Anomalies on Herbarium Database Disk Assess*, ABACUS: the Journal of the Mathematical Association of Nigeria, 33(2A), 21-26.
3. Omolehin J.O., **Ojeniyi O. O.** and Oyelade O. J. (2006): *Normalization of plant Database of a Herbarium.*, Bio-Science Research Bulletin (An International Research Journal of Sciences), Delhi, Vol 22 (No. 1)
4. Omolehin J.O., Oyelade O. J. and Ojeniyi O. O.. (2006): *A comparison of Fuzzy and Deterministic Models for assessing students' Performance.*, Nigerian Journal of Pure and Applied Sciences, Faculty of Science, University of Ilorin, Ilorin, Nigeria.
5. Daramola, J.O., **Oladipupo**, O.O and Musa, A.G. , (2009) "A Data Mining Process Framework for Churn Management in Mobile Telecommunication Industry" International Journal of Computers Sciences and System, Vol.1, No.1ISSN: 1803-8336© USAR Publications Vol.1 [34-40].
6. **Oladipupo**, O.O. and Ayo, C.K. (2009) "Design of a Fuzzy Ranking System for Admission Processes in Higher School of Learning" International Journal of Natural and Applied Sciences, 5(2): 174-180, 2009, www.tapasinstitute.org/journals/ijonas, ©Tapas Institute of Scientific Research and Development.
7. Daramola, J.O. , **Oladipupo**, **O.O** and Musa, A.G. , (2010): "A fuzzy expert system (FES) tool for online personnel recruitments" *Int. J. Business Information Systems*, Vol. 6, No. 4, 2010 Copyright © 2010 Inderscience Enterprises Ltd.
8. **Oladipupo**, O.O., Uwadia, O.C and Ayo, K.C. (2010) 'On sharp boundary problem in rule-based expert systems in medical domain', *International Journal of Healthcare Information Systems and Informatics*, Vol. 5, No. 3, pp.14–26.9.
9. Oyelade O,J. **Oladipupo**, **O.O.**, Obagbuwa O,C, (2010) "Application of k-Means Clustering algorithm for prediction of Students' Academic Performance" (IJCSIS) International Journal of Computer Science and Information Security, Vol. 7, No. 1.
10. **Oladipupo**, **O.O.**, Oyelade O.J. (2010) "Knowledge Discovery from Students' Result Repository: Association Rule Mining Approach" International Journal of Computer Science and Security Vol.4 (2). CSC press, CSC Journals.
11. **Olufunke O. Oladipupo.**, Charles O. Uwadia, Charles K. Ayo, (2012) "Improving Medical Rule-Based Expert Systems Comprehensibility: Fuzzy Association Rule Mining Approach" International Journal of Artificial Intelligence and Soft Computing. Vol. 3, No. 1, 2012. pp. 29-18. Copyright © 2012. Inderscience Enterprises Ltd.

12. **Olufunke O. Oladipupo.**, Charles O. Uwadia, Charles K. Ayo, (2012). "A Fuzzy Association Rule Mining Expert-Driven (FARME-D) approach to Knowledge acquisition" African Journal of Computing and ICTs." IEEE, Volume 5 No 5.
13. **Oladipupo O. O.**, Oyelade O. J. and Aborisade D. O.(2012) "Application of Fuzzy Association Rule Mining for Analysing Students Academic Performance" International Journal of Computer Science Issues, Vol. 9(6) 216-222 (**IF: 0.242**).
14. Obagbuwa I. C. , Oyelade O. J., **Oladipupo O. O.** Aborisade D. O. and Ewejobi I. T. (2013) "Designed and Implementation of Meeting Document Management and Retrieval System" Journal of Computer Science and Information Security, Vol. 6(6), 376-386.
15. Aborisade D. O., Oyelade, O. J. Obagbuwa, I. C., **Oladipupo, O. O.**, Obembe O. O. and Ewejobi, I. T: (2013) "Comparative Analyses between Split and HierarchyMap Treemap Algorithms for Visualizing Hierarchical Data", (IJCSIS) International Journal of Computer Science and Information Security, Vol. 11, No. 3, pp. 131-142.
16. **Oladipupo O Olufunke**, Uwadia O Charles, Ayo K Charles, Ajith Abraham, Vaclav Snasel (2013) "A Fuzzy-Mining Approach for Solving Rule Based Expert System Unwieldiness in Medical Domain" International Journal of Non -Standard Computing (Neural Network World) Vol. 23(5), 435-450.
17. Afolabi I.T., **Oladipupo O.O.** and Ekanem I.E.(2014)'Cognitive Ontology based Framework for Networking Women in Sciences', which was published in International Journal for Innovation Education and Research, Vol 2 No 2 February 2014,
18. Itunuoluwa Isewon, Jelili Oyelade, **Olufunke Oladipupo** (2014) "Design and Implementation of Text To Speech Conversion for Visually Impaired People. International Journal of Applied Information Systems 7(2):25-30, April 2014.

Referred Conference Proceedings

1. J.O. Omolehin, **O.O. Oladipupo**, and O.J. Oyelade (2005): "Effect of update anomalies on Herbarium Database Disk Access" *Proceedings of the 24th Annual Conference of the Nigerian Mathematical Society*; pp.7: April 12-15, 2005 Olabisi Onabanjo University, Ago-Iwoye, Ogun State, **Nigeria**".
2. J.O. Omolehin, O.J. Oyelade, and **O.O. Oladipupo** (2005): "Performance Comparison of Fuzzy model and Deterministic model to students' performance" *Proceedings of the 24th Annual Conference of the Nigerian Mathematical Society*; pp.12: April 12-15, 2005 Olabisi Onabanjo University, Ago-Iwoye, Ogun State, **Nigeria**".
3. Daramola, J.O., **Oladipupo**, O.O and Musa, A.G. , (2007) "A process framework for Subscriber Management and Retention in Nigeria Telecommunication Industry" Conference Proceedings of the International Conference and Workshop on 3G GSM & Mobile Computing, Covenant University., [79-87]
4. Daramola, J.O., **Oladipupo, O.O** and Musa, A.G. , (2007.) "Evaluation of Credentials of job Seekers Using Neuro- fuzzy expert Model", proceedings of the International Conference of the Nigeria Computer Society, NCS, [235-241]
5. **Oladipupo. O.O**, Uwadia C. A and Ayo, C.K (2008) " A Framework for a Fuzzy-Mining Expert System in Medical Domain , proceedings of First International Conference on Mobile Computing, Wireless Communication, E-Health, M-Health and

Telemedicine, pp. 7-11

6. **Oladipupo. O.O**, Uwadia C. A and Ayo, C.K (2010) "Effect of Fuzzy Association rule mining on Fuzzy Expert System Comprehensibility, proceedings of First International Conference and Workshop on Software Engineering and Intelligent Systems. 222-238.
7. **Oladipupo. O.O**, Uwadia C. A and Ayo, C.K (2012) "Fuzzy Association Rule Mining Expert-Driven (FARME-D) approach to knowledge acquisition" Book of Abstracts ICT for Africa 2012.
8. **O. Oladipupo**, J. Daramola, I. Afolabi (2014) Student Recruitment Portal for University-Industry Developing an Interactive cooperation in Nigeria EDULEARN14, 6th International Conference on Education and New Learning Technologies, Barcelona - 7th - 9th of July 2014. Accepted 10th May, 2014 **(ISI indexed)**
9. O. Daramola, **O. Oladipupo**, I. Afolabi, A. Olopade (2014) " Heuristic Evaluation Of A Moodle-Based E-Learning Platform" EDULEARN14, 6th International Conference on Education and New Learning Technologies, Barcelona - 7th - 9th of July 2014. Accepted 10th May, 2014 **(ISI indexed)**
10. **O. Oladipupo**, J. Daramola, O. Oyelade, I. Afolabi " Analysis Of The Effect Of Class Attendance On Students' Academic Performance Using Association Rule Mining Technique" EDULEARN14, 6th International Conference on Education and New Learning Technologies, Barcelona - 7th - 9th of July 2014. Accepted 10th May, 2014 **(ISI indexed)**

CONFERENCES/WORKSHOPS ATTENDED WITH DATES

1. 24th National Conference of Nigeria Mathematical Society, Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria, April 2005.
 2. International Conference on New Trends in the Mathematical and Computer Sciences with Applications to Real World Problems, Covenant University, Ota. Ogun-State, Nigeria, June 2006.
 3. International Conference and Workshop on 3G GSM & Mobile Computing, Covenant University., January 2007.
 4. First International Conference on Mobile Computing, Wireless Communication, E-Health, M-Health and Telemedicine
 5. First International Conference and Workshop on Software Engineering and Intelligent Systems.
 6. ICT for Africa 2011, Covenant University, Ota, Ogun State. March 2011
 7. ICT for Africa 2012, Makerere College of Technology, Kampala, Uganda, March, 2012
 8. NCS Workshop on Research and Development , University of Lagos, Nigeria, 2012
 9. International Conference on Adaptive Science and Technology (ICAST) conference, Covenant University Ota, 2014
 10. NG Nog workshop, Covenant University, Ota, 2014.
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MEMBERSHIP OF LEARNED SOCIETIES

- i) Member, Computer Profession of Nigeria (CPN)
- ii) Member, Nigeria Computer Society (NCS)
- iii) Member of SMCS TC on Soft Computing

RESEARCH INTEREST

Application of Data mining and Soft Computing techniques in solving real life problems.

REFERENCES

Prof. C. K. Ayo, Department of Computer and Information Sciences, Covenant University, Ota, Nigeria. E-mail: charles.ayo@covenantuniversity.edu.ng Tel. Ph.: (+234) 08033235737.

Prof. C.O. Uwadia, Department of Computer Science, University of Lagos, Nigeria, couwadia@unilag.edu.ng