CURRICULUM VITAE



**A. PERSONAL DATA**

* + 1. Full Name: OGUNRINDE, Mutiat Adebukola
    2. Present Position: Senior Lecturer
    3. Department: Mathematical and Computer Sciences

Fountain University, Osogbo.

* + 1. Date and Place of Birth: Odeomu / 9th April 1984
    2. Nationality: Nigerian
    3. State/ Local Government Area: Osun/ Ayedaade
    4. Marital Status: Married
    5. Number and Ages of children: Two (2);10yrs and 8yrs
    6. Residential Address : H 2, Daud Salami Street, Iludun, Testing Ground Area,

Osogbo.

* + 1. Address for Correspondence: Mathematical and Computer Sciences,

College Of Natural and Applied Sciences,

Fountain University,

P.M.B. 4491,

Osogbo. Osun State.

* + 1. Mobile No: 08054280030
    2. e-Mail Institutional Address: [ogunrinde.mutiat@fuo.edu.ng](mailto:ogunrinde.mutiat@fuo.edu.ng)
    3. Alternatie e-mail Address: bogunrinde@gmail. com

**B. EDUCATIONAL INSTITUTIONS ATTENDED WITH DATE**

INSTITUTIONS ATTENDED DATE

1. University of Ibadan, Ibadan, Nigeria. 2013 – 2020
2. University of Ibadan, Ibadan, Nigeria. 2008 - 2010
3. University of Ibadan, Ibadan, Nigeria. 2000 – 2005

**C. ACADEMIC QUALIFICATIONS**

i. Ph. .D Computer Science 2020

ii M..Sc Computer Science 2010

iii. B..Sc Computer Science 2005

**D. PROFESSIONAL QUALIFICATIONS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  | | --- | --- | --- | --- | |  | **Awarding Institution** | **Certification** | **Year Obtained** | |  | Data Science Nigeria (DSN) | Membership (DSN/AIPlus/2019/0760) | 2019 | |  | Nigeria Computer Society (NCS) | Membership (MRN: 07993) | 2012 | |  | Association for Computing Machinery (ACM) | Membership (7870283 ) | 2012 | |  | Nigerian Institute of Management (Chartered) | Proficiency Certificate In Management (Member) | 2008 | |  |

**E. SCHOLARSHIP, PRIZES AND OTHER DISTINCTIONS**

1. Certificate of participation presented at the ATI-4 EKO-KONNECT Model Campus Network Boot camp held at Lagos State University, Ojo, Lagos, Lagos State, from 23th to 30th April, 2018.
2. Certificate of participation presented at the 24th Annual National conference of Nigeria Computer Society (NCS) at Le Meridien Ibom Hotel & Golf Resort, Nwaniba Road, Uyo, Akwa Ibom State, 25th To 27th July 2012.
3. Certificate of attendance presented at the course on “Oral Communication Presentation & Proposal Writing and Grant Management” organized by the Training Centre in Communication, Nigeria in collaboration with Directorate of Linkages and Sponsored Research, Obafemi Awolowo University, Ile-Ife, 25th – 27th April 2012.

**F. WORK EXPERIENCE**

1. **WITHIN UNIVERSITY** 
   * 1. Employer Name: Fountain University, Osogbo, Nigeria.

Date: October 2020 -- Till Date

Post: Senior Lecturer

* + 1. Employer Name: Fountain University, Osogbo, Nigeria.

Date: October 2017 -- September 2020

Post: Lecturer I

* + 1. Employer Name: Fountain University, Osogbo, Nigeria.

Date: October 2014 – September 2017

Post: Lecturer II

* + 1. Employer Name: Fountain University, Osogbo, Nigeria.

Date: October 2011 – 2014

Post: Assistant Lecturer

1. **OUTSIDE UNIVERSITY**
2. Employer Name: Officetron Company Limited, 435, Herbert Macaulay Way, Yaba, Lagos.

Date: April 2009 - Dec. 2010

Post*:* Software Engineer

1. Employer Name: Simplex Automation Systems Ltd, Ikeja, Lagos.

Date: April 2008 - April 2009

Post*:*  Solutions Programme

1. **DETAILS OF PROFESSIONAL EXPERIENCE AT FOUNTAIN UNIVERSITY**
   * 1. Teaching Function

|  |  |
| --- | --- |
| Session | Course Code Course Title |
| 2019/2020 &  2020/2021 | CPS104 Introductory Computer Tech. I for Non majors  CPS108 Introduction to computer Networking  CPS205 Introduction to Operating System I  CPS208 Foundation of Sequential Programming  CPS303 Programming in Visual Basic.Net  CPS401 Organization of programming languages  CPS406 Net-centric Computing  CPS407 Compiler Construction  CPS411 Selected topic in Computer Science and Software  Engineering  CPS499 Project |
| 2018/2019 | CPS104 Introductory Computer Tech. I for Non majors  CPS205 Introduction to Operating System I  CPS208 Foundation of Sequential Programming  CPS210 Introductory Computer Tech. II for Non Majors  CPS303 Programming in Visual Basic.Net  CPS401 Organization of programming languages  CPS406 Net-centric Computing  CPS407 Compiler Construction  CPS410 Computer System Performance Evaluation  CPS411 Selected topic in Computer Science and Software  Engineering  CPS416 Formal Model of Computation  CPS499 Project |
| 2017/2018 | CPS104 Introductory Computer Tech. I for Non majors  CPS204 Discrete Structures  CPS205 Introduction to Operating System I  CPS208 Foundation of Sequential Programming  CPS210 Introductory Computer Tech. II for Non Majors  CPS303 Programming in Visual Basic.Net  CPS311 Computer Architecture and Organization.  CPS401 Organization of programming languages  CPS406 Net-centric Computing  CPS407 Compiler Construction  CPS411 Selected topic in Computer Science and Software  Engineering  CPS416 Formal Model of Computation  CPS499 Project |
| 2016/2017 | CPS104 Introductory Computer Tech. I for Non majors  CPS204 Discrete Structures  CPS205 Introduction to Operating System I  CPS208 Foundation of Sequential Programming  CPS210 Introductory Computer Tech. II for Non Majors  CPS303 Programming in Visual Basic.Net  CPS311 Computer Architecture and Organization.  CPS401 Organization of programming languages  CPS406 Net-centric Computing  CPS407 Compiler Construction  CPS411 Selected topic in Computer Science and Software  Engineering  CPS416 Formal Model of Computation  CPS499 Project |

* + 1. Project Supervision

Forty-three (48) undergraduate projects supervision- completed

**G. DETAILS OF ADMINISTRATIVE AND LEADERSHIP EXPERIENCE**

1. **WINTHIN THE UNIVERSITY SYSTEM**

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| --- | --- |
| 1. Head of Department, Mathematical and Computer Sciences 2020 --till date 2. Chairperson, FUO Food Quality Assurance Committee 2021 3. Member, Committee on implementation of phased reopening of the University --2020 4. Member, Committee on Rationalisation of Programmes --2020 5. Member, Quality Assurance Committee --2020 6. Member, Committee on pre-examination workshop for staff and students --2020,2021 7. Member, Final Year Students’ Certificate Verification Committee 2019 -- till date 8. Member, Student Handbook Review Committee --2019 9. Sub-Dean Female, Students Affairs Unit 2018 – till date 10. Member, FUO Hostel Management Committee 2018 – till date 11. Chairperson, FUO Internet and Networking Restructuring Committee --2018 12. Member, FUO Internet and Networking Restructuring Committee --2018 | |
| 1. Member, Ali Luxury Hostel Management Committee | 1. –till date |
| xii Member, Committee on Laboratory Matters  xiii Departmental SIWES Coordinator  xiv Staff Adviser, NACOSS Fountain University Chapter  xv Hall Mistress, Female Hall II  xvi Assistant Coordinator, Student Affairs Unit  xvii Member, FUO Venture committee  xviii Result Computation Officer  xix Level Adviser | 2016- till date  2014- 2016, 2018  2016- 2018  2015-2018  2011-2015  2012 - 2015  2011-till date  2011-till date |
|  |  |

1. **OUTSIDE UNIVERSITY**
2. Vice Chairperson, Parent Teachers Association, Federal Science and Technical College, Ilesa. Osun State. August 2021 – till date
3. **Financial** **Secretary***,* Faculty of Science Student Association, University of Ibadan Chapter, Ibadan, Nigeria. 2003/2004 session
4. **Assistant Training Director**, Information Technology CD group, Zamfara State NYSC Chapter. 2006-2007

H**. RESEARCH INTEREST AND COMMISSIONED PROJECTS**

|  |  |
| --- | --- |
| **Title** | **Year** |
| 1. Development of a Cyclomatic Complexity Measurement tool for programing code --2020 2. An Enhanced Bilateral Authentication System for Android Devices --2019 3. Promoting Distributed Programming Practices Among Computer Science Students --2018 4. Model Implementation of Text and Video Chats with Python IDE Software --2017 5. Modeling Software Process Improvement on Software Development Team Size **--** 2012 | |
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**I. PUBLICATIONS**

**(A.) THESIS / DISSERTATION / (INDICATE FOR WHICH DEGREE/DISCIPLINE/YEAR/INSTITUTION START WITH THE HIGHEST DEGREE DATE/TITLE/DEGREE/INSTITUTION)**

Title: Development of a Cyclomatic Complexity Measurement Tool for Computer Programming Codes

Date: 2020

Degree: (Ph.D)

Institution: University of Ibadan, Ibadan, Nigeria

Title: Software Company size as a factor of Software Process Maturity using Capability Maturity Model

Date: 2010

Degree: (M.Sc)

Institution: University of Ibadan, Ibadan, Nigeria

**(B.) JOURNAL ARTICLES IN PRINT**

1. **Ogunrinde, A. Mutiat** and Akinola O. Solomon (2020), “Performance Evaluation of a Code Complexity Measurement Tool: An Empirical Approach**. *Afri J Comp & ICTs.*** Vol. 13, No. 3, September 2020, pp. 55 – 69. Available at <https://afrjcict.net/wp-content/uploads/2017/08/Vol13No3Sep20pap4pagenumb.pdf>
2. Bello, O.Ridwan, **Ogunrinde**, **A. Mutiat** and Bello B. O., (2020) “Model Implementation of Text and Video Chats with Python IDE Software”, *The Journal of Computer Science and its Applications* Vol. 27, No. 1, June 2020, Pp 90 – 102.
3. Bakrin, F., Surajudeen., Bello, A. Mujidat and **Ogunrinde**, **A. Mutiat (**2020), “Adoption of Cloud Computing and OPAC Visibility in Nigerian University Library System”, *International Journal of Information Science and Management* Vol. 18, No. 2, 2020, 133-149. Available at <https://ijism.ricest.ac.ir/index.php/ijism/article/view/1802>
4. **Ogunrinde**, **A. Mutiat,** Adebare, A. Wasilat, Azeez, A. Raheem, Abdulsalami, A. Basirat and Osuolale, A. Islamiyah (2019), “An Enhanced Bilateral Authentication System for Android Devices”. *Fountain Journal of Natural and Applied Sciences*, *8*(2), pp 28-37. Retrieved from <http://fountainjournals.com/index.php/FUJNAS/article/view/283>
5. Abdulsalami, A. Basirat., Kolawole, A. A., **Ogunrinde**, **A. Mutiat**., Lawal, M., Azeez, A. Raheem and Afolabi, A. Zainab (2019), “Comparative Analysis of Back-propagation Neural Network and K-Means Clustering Algorithm in Fraud Detection in Online Credit Card Transactions”, *Fountain Journal of Natural and Applied Sciences, 8(1), pp21 - 33*. Retrieved from <http://fountainjournals.com/index.php/FUJNAS/article/view/284>
6. **Ogunrinde**, **A. Mutiat** (2018), ***“***Promoting Distributed Programming Practices Among Computer Science Students”. *Fountain Journal of Natural and Applied Sciences*, 7(2), pp 23 - 28. Retrieved from <http://fountainjournals.com/index.php/FUJNAS/article/view/259>
7. **Ogunrinde, A. Mutiat,** and Yoosuf, H. Tolani (2016), “Performance Analysis on Content Management Systems: A Case Study of Drupal and Joomla”, *IJCEM International Journal of Computational Engineering & Management*, Vol. 19 Issue 2, March ISSN (Online): 2230-7893 pp 5 – 11. Available at <http://www.ijcem.org/papers032016/ijcem_032016_02.pdf>.
8. Abdulsalami, A. Basirat T.K. Olaniyi, Azeez, A. Raheem & **Ogunrinde, A. Mutiat** (2015), “An Expert System For HIV Screening Using Visual Prolog”, *Afri J Comp & ICTs* Vol 8, No.3 Issue 2 Pp 129-140 Available at [**https://static.secure.website/wscfus/5655211/3265962/v8n3-2p14-2015-ajocict-an-expert-system-for-hiv-screening-using-visual-prolog.pdf**](https://static.secure.website/wscfus/5655211/3265962/v8n3-2p14-2015-ajocict-an-expert-system-for-hiv-screening-using-visual-prolog.pdf)
9. Azeez, A. Raheem.,, **Ogunrinde, A. Mutiat,** and Adeleye, O. Sakirullah (2015), “ A Web-Based Accident Reporting and Tracking System (ARTSYS) using Sensor Technology”, International *Journal of Advances in Engineering & Technology* (IJAET), Oct. ISSN: 22311963 (Online), Vol. 8, Issue 5, pp. 678-688. Available at [**www.ijaet.org/media/1I29-IJAET0829513-v8-iss5-678-688.pdf**](http://www.ijaet.org/media/1I29-IJAET0829513-v8-iss5-678-688.pdf)**.**
10. **Ogunrinde, A. Mutiat, R**aheem A. Azeez and Jimoh, O. Maryam (2014), “Trends in an Online Automobile Market”, **IJIAR-** *International Journal of Innovative and Applied Research,* ISSN: 2348 – 0319(Online), Volume 2, Issue (8), August 2014, pp 61- 66, <http://journalijiar.com/uploads/2014-09-02_153250_619.pdf>.
11. Akinola O. Solomon,Akinkunmi B. O., and **Ogunrinde, A. Mutiat,** (2012), “Modeling Software Process Maturity on Development Team Size”, IJEECS - *International Journal Of Electrical, Electronics And Computer Systems*, ISSN: 2221-7258 (Print), 2221-7266 (Online),*Vol. 7, Issue 1*, March 2012, pp. 1-9,<http://www.ijeecs.org/home/march-2012>.

**(C.) REFERRED CONFERENCE PROCEEDINGS/ABSTRACT VOLUME**

1. Olorisade B. Kazeem and **Ogunrinde, A. Mutiat** (2012), “A Privacy Control Option for Call Centers in Nigeria’s Cashless Economy”, Paper presented at 24th Nigeria Computer Society (NCS) National Conference, Volume 23, pp 52 – 54, July 25 to 28, 2012, Uyo Akwa Ibom.
2. **Ogunrinde**, **A. Mutiat** (2017)**, “**Distributed Programming Awareness among Computer Science Students” presented at the 11th International Conference on Applications of Information and Communication Technologies to Teaching, Research and Administration, 24th - 28th July, 2017, pp 18 – 22 @ Njepuome Auditorium Off-Road 1, Obafemi Awolowo University, Ile-Ife, Nigeria.
3. An Expert System For HIV Screening Using Visual Prolog
5. B.A. Abdulsalami., T.K. Olaniyi, R.A. Azeez & M.A. Ogunrinde

**(D.) JOURNAL ARTICLE(S) UNDER REVIEW**

1. Ogunrinde, A. Mutiat and Akinola O. Solomon (2020), A Multilanguage Complexity Measurement Tool for Code Quality Assessment of Software using Cyclomatic Complexity Approach, *Funnab Journal of Natural Science Engr. & Tech.*

**J. MAJOR CONFERENCES AND WORKSHOP/SEMINAR ATTENDED WITH DATES**

|  |
| --- |
| 1. A 3-day  AI Commons Ideation workshop holding from Wednesday, June 17 to Friday, June 19, 2020 organised by Data Science Nigeria (DSN). 2. A 6 weeks online course on Research Writing in the Sciences (2019) by INASP from 9th September 2019 to 22nd October 2019. 3. IFIP WG8.6 Doctorial Consortium / Conference held at University of Ghana Business School, Accra-Ghana from 20 - 22 June, 2019 4. A 3-Day Capacity Building and Multidisciplinary Workshop for early career postgraduate researchers in faculties of Science and Technology (Scitech) held on 14th to 16th May, 2019 at the University of Ibadan. 5. 11th International Conference on Applications of Information and Communication Technologies to Teaching, Research and Administration, 24th - 28th July 2017, @ Njepuome Auditorium Off-Road 1, Obafemi Awolowo University, Ile-Ife, Nigeria. 6. 24th National Conference, Nigeria Computer Society (NCS), which held at Le Meridian Ibom Hotel & Golf Resort, Nwaniba Road, Uyo, Akwa Ibom State from July 25th to 28th, 2012. 7. Oral communication presentation, & proposal writing and grants management workshop Obafemi Awolowo University, Ile-Ife. 25th -27th April 2012. |

**K. INFORMATION ON FELLOWSHIP, MASTER’S PROJECTS AND Ph. D THESIS.**

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**L. EXTRA CURRICULUM ACTIVITIES**

Travelling, reading and impacting knowledge

**SUMMARY OF CONTRIBUTIONS TO KNOWLEDGE**

I have contributed to knowledge in the field of Core Computing with major research focusing on Software Development, Software Quality, Measurement and Metrics, Prediction, Recommendation, Collaboration and Modeling. I have been able to contribute to knowledge in Information Systems using Expert Systems, Neural Networks and smart systems in application areas of e-learning, health, Ontology and Smart Computing through my research and publications.

I chaired some committees such as that of restructured FUO Internet and Networking for proper distribution and coverage to ensure members of staff and students get access to it. I had equally served as members of various committees such as Committee on review of Students’ Handbook, Quality Assurance on Activities with the University, Student Welfare, Curriculum Review, Allied Matters among others. I have mentored young men and women of grate mind whom are now in their various life endeavors. In addition, I have taught Computer Science courses at undergraduate and hope to do such at Postgraduate levels in the nearest future.

**M. REFEREES**

Prof. S. O. Akinola

Computer Science Department,

University Of Ibadan,

Ibadan.

08169748281

solom202@yahoo.co.uk

Dr L. S. Akinola

Senior Lecturer

Department of Mathematics

Federal University of Oye Ekiti

Oye Ekiti.

08073024003

Dr. Olufade Onifade

Reader,

Computer Science Department,

University Of Ibadan.

Ibadan.

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OGUNRINDE, Mutiat Adebukola