

Personal Page

Space

Hi and welcome to my personal space. Here you're going to read briefly about my profile, academic journey, research interest, among others.

Brief Info

I am currently a doctoral student at the School of Computing, University of Eastern Finland. Before enrolling for the doctoral programme at the University of Eastern Finland, I completed my Master's degree in Computer Science from the University of Ilorin, Nigeria and Bachelor degree in Computer Science from the University of Jos. I am a member of **edTech research group**, **IMPDET-LE**, and **Finnish UniPID DocNet Researcher**. I fully began my lecturing career at the Salem University Lokoja in 2018. Before then, I have worked as the Head of ICT, Social Investment Programme, Lokoja, Kogi State, Nigeria. For over 4 years, I have been developing web applications that cut across the financial management system, integrated payroll system, school, and student portals.

I have also organized tutorials for computer science students at higher institutions in Nigeria including Federal University Lokoja, where I co-taught Introduction to Computer Science, Digital Logic Design and Introduction to Programming (with Visual Basic and Java).



Contact Details

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Research Interest

My research interests span across educational technology, smart learning environment, computational thinking, problem-solving and algorithmic design. Currently, I am working on my Ph.D. research entitled: design and development of a smart learning environment for programming education.

My supervisors are Dr. Solomon Sunday Oyelere, Dr. Jarkko Suhonen, and Prof. Markku Tukiainen

Grant and Award

S/N	Date	Award	Funding Organisation	Purpose
1	8.1.2019	1,500 Euro	School of Computing, UEF	Research travel grant

Publications

1. S.S. Oyelere, L. Tomczyk, N. Bouali, **F.J. Agbo** (2019). Blockchain technology and gamification – conditions and opportunities for education. *Book in Jaroslav Veteška (ed) Adult Education 2018 – Transformation in the Era of Digitization and Artificial Intelligence*. Publisher: eská andragogická spolenost/Czech Andragogy Society Praha/Prague
2. **F.J. Agbo**, S.S. Oyelere, J. Suhonen, M. Tukiainen, (2019). Smart learning environment for computing education: readiness for implementation in Nigeria. *Accepted for presentation at the EdMedia + Innovate Learning 2019, Amsterdam, Netherlands*
3. S.S. Oyelere, **F.J. Agbo**, A.A. Yunusa, I.T. Sanusi, K. Sunday, (2019). Impact of Puzzle-based Learning in Computer Science

Education: the case of MobileEdu. Accepted for presentation at the 19th IEEE International Conference on Advanced Learning Technologies - (ICALT 2019), Maceió-AL, Brazil

4. **F.J. Agbo**, S.S. Oyelere, (2019). Smart Mobile Learning Environment for Programming Education in Nigeria: Adaptivity and Context-aware Features. Accepted for presentation and to be included in the proceedings of Computing Conference 2019, London UK
5. S.E. Adewumi, **F.J. Agbo**, O. Oluwagbemi, F. Oladipo, E. Ogbuju, (2018). A Model for Memo Tracking and Delivery. *Confluence Journal of Pure and Applied Sciences (CJPAS) Federal University Lokoja, Vol. 2 (2) pp.181-190.*
6. S.A. Olaleye, S.S. Oyelere, I.T. Sanusi, **F.J. Agbo**, (2018). Experience of Ubiquitous Computing Technology Driven Mobile Commerce in Africa: Impact of Usability, Privacy, Trust, and Reputation Concern. *International Journal of Interactive Mobile Technologies (IJIM), Vol. 12 No. 3*
7. **F.J. Agbo**, S.E. Adewumi, I Olalekan, K. Sunday, (2015). Computer Viruses: A Framework for Modeling Infection Susceptibility of Workstations. *Advances in Computer Science and Engineering Vol. 4 No.2.*
8. R.G. Jimoh, S. Kinssinger, **F.J. Agbo**, M. AbdulRaheem, R.A. Tomori, I.R. Salimonu, (2017). A Semantic Framework for E-Commerce Using Web Ontology Language 2. *Al-Hikmah Journal of Pure & Applied Sciences Vol.4: 7-14*
9. **F.J. Agbo**, R.G. Jimoh, S. Kinssinger, (2016). Design of Intelligence Gathering Model: a Semantic Web Approach. *Swift Journal of Mathematics and Computer Science Research. Vol 1(1) pp. 001-007. <http://www.swiftjournals.org/sjssh>*
10. **F.J. Agbo**, S. Kinssinger, (2015). Employing Semantic Web Technologies to Leverage Learning and Research. *International Journal of Computer and Information Technology (ISSN: 2279 – 0764) Volume 04 – Issue 04.*
11. S. Kinssinger, **F.J. Agbo**. Leveraging Semantic Web Technologies for Learning & Research - A BBF Approach. In proceedings of 4th iSTEAMS Research Nexus Conference, Unilorin, Nigeria. pp.313-320. 2015. www.isteam.org

Thesis

1. **F.J. Agbo** (2017) Semantic Web-Based Model for Intelligence Gathering Using Thematic, Spatial and Temporal Components. Masters Degree thesis at the department of computer science, school of postgraduate, University of Ilorin, Nigeria.
2. **F.J. Agbo** (2013) Design and Implementation of a human resource management system- the case of CHAN, Nigeria. Bachelor Degree thesis at the department of computer science, University of Jos, Nigeria

Other Academic Activities:

1. Paper reviewer for International Conference on Computational Science and its Applications (**ICCSA 2019**)
2. Paper reviewer for Constructionism, Computational Thinking, and Educational Innovation (**Constructionism 2018**)