

OKORI WASHINGTON

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PERSONAL PROFILE

I am a digital transformation and service delivery leader. Provided leadership at senior management level for over fifteen years giving strategic direction in many corporate organizations across countries. Supervised Digital transformation in Corporate Organizations, Government Ministries and Departments; and Industry Apex Organizations. I am an advisor on data privacy and protection. Carried out extensive research in the application of computing to support sustainable development as evident from the journals and conference proceedings I have authored.

I am an experienced and skilled graduate trainer in computing discipline who has taught, mentored and supervised students pursuing advance degrees in different Universities. Have supervised two PhDs students from Makerere University and Mbarara University of Science and Technology to graduation. I have taught courses in Makerere University and Uganda Management Institute as Part Time Lecturer and Associate Consultant respectively. I have reviewed academic programs in Makerere University, Makerere University Business School and Uganda Technology and Management University. Published articles in refereed journals and presented a number of papers in international conferences.

ACADEMIC HISTORY

EDUCATION

MAKERERE UNIVERSITY

Doctor of Philosophy | Sep 2005 – Oct 2012

Master of Science in Computer Science | Jan 2001 – Apr 2004

Post Graduate Diploma in Computer Science | Sep 1994 – Jun 1995

Bachelor of Science | Sep 1986 – Jun 1989

PROFESSIONAL DEVELOPMENT/SHORT COURSES

- Certificate: Data Science and Machine Learning, Massachusetts Institute of Technology (MIT) -Institute for Data, Systems and Society (IDSS) | Feb – May 2022.
- Certificate: Program Management, Humanitarian Leadership Academy, | Oct 2020.
- Certificate: Monitoring, Evaluation, Accountability and Learning, Humanitarian Leadership Academy, | Sep 2020
- Certificate: Project Management, Humanitarian Leadership Academy | Sep 2020
- Certificate: BSCS-IX-R2 Operation and Management, Alcatel-Lucent, Oct 2010.
- Certificate: Mediation Zone Operation and Administration, Stockholm, 2009.
- Certificate: Management Skills, Management Training and Consultancy Limited, April 2006.
- Certificate: GSM Industry and Roaming Management, MACH, April 2004.
- Certificate: Oracle SQL, Developer and Designer, Database Administration, Networking, Performance Tuning and Backup and Recovery: Oracle University/Software Technologies, Nairobi, Kenya, Jun-Oct 2000,

- Certificate: UNIX Fundamentals, System Administration and Advance System Administration, Nov-Dec 2000, Software Technologies, Nairobi, Kenya.
- Certificate: Team Building, Breeah Solutions, 2003.
- Certificate: Computer Repair & Maintenance. The African Virtual University, Uganda Polytechnic Kyambogo, Kampala, Uganda, Nov-Dec 1999.
- Certificate: Total Quality Management, Institute of Customer Service Limited, Nairobi, Kenya, 1999.
- Certificate: Computer Software Technology and Applications, Electronic Trade and Technology Development Corporation Limited, New Delhi, India, Oct-Dec 1996.

WORK EXPERIENCE

DIRECTOR TECHNOLOGY

Computing for Development Limited | May-2019 to date

- Formulation and implementation of the organization's strategic plan.
- Overseeing operation of the organization.

PROGRAM DIRECTOR

TechMahindra | Apr 2015 – Apr 2019

- Management of demand delivery in four (4) OPCOs of MTN.
- Development of strategic plan for demand delivery in the MTN OPCOs
- Management of MTN Business Intelligence operation
- Coordination of vendor offshore delivery of Change Requests (CRs)
- Management of TechM human resources in the four (4) MTN OPCOs
- Budget planning and control
- Identification of training needs and setting up trainings plan
- Management of staff recruitment, training and appraisals

HEAD BILLING, DATA WAREHOUSE AND APPLICATION DEVELOPMENT

Orange Uganda Limited | Jul-2007 to Mar 2015

- Providing leadership and mentorship to a team of local and international technical experts in the billing domain
- Development of operation and strategic plan for the section
- Management of billing vendors
- Managing development of applications and BI tools
- Process improvement and documentation
- Management of staff recruitment, training and appraisals

BILLING CENTER MANAGER

Uganda Telecom Limited | Jun 2005 - Jun-2007

- Planning and implementation of new billing systems
- Supervision of billing system operation
- Management of billing vendors
- Budget planning and control
- Process documentation
- Management of staff recruitment, training and appraisals

POST PROCESSING SUPERVISOR

Uganda Telecom Limited | Jun 1999 - May-2005

- Provisioning and implementation of tariffs
- Billing mediation
- Roaming and Interconnect management
- Invoice generation
- Report generation

PROGRAMMER

Programme Management/NEX/UNDP/MoFP | Jan 1997 – Dec 1997

- Setting up a Management Information System (MIS)

- Software customization
- Data analysis
- Report generation

DATABASE SPECIALIST

SUPER/USAID/MoE | Nov 1995 – Dec 1996

- Setting a National Database of Head teachers and untrained teachers of core PTCs
- Monitoring and Evaluation of residential trainings
- Generation of reports for workshops and follow-up trainings
- Field visits of PTCs in the project scope

DATA MANAGER

FSSP Socio-Economic Unit/ /Makerere University | Jan 1992 – Dec 1993

- Data coding, entry, verification and analysis
- Report generation

Certificate: Management, Oracle and Telecom BSS

TEACHING EXPERIENCE

GRADUATE SUPERVISOR & PART TIME LECTURER

Makerere University - School of Computing and Informatics Technology

- Courses taught - Data Warehousing, Business Intelligence and Systems Analysis & Design
- Supervised PhD student to completion
- Curriculum review

ASSOCIATE CONSULTANT

Uganda Management Institute

- Courses taught - Database Management Systems, Information security, Ethical and social issues in the digital firm, Information systems management, Leadership and ICT, Information Systems management

GRADUATE SUPERVISOR

Mbarara University of Science and Technology

- Supervised PhD student to completion

CONSULTANCY

- Data Care/CARDNO/USAID –Digital Transformation Consultant. USAID Feed the Future Institutional Systems and Strengthening Activity, 2022.
- Data Care/MAAIF/World Bank –Senior Systems Analyst. Performance Monitoring and Evaluation Solution for the Agriculture Cluster Development Project [ACDP], Digital Transformation Project, 2021.
- Ministry of Water and Environment, Department of Water Quality Management – Supervision of Development of An Integrated National Water Quality Database and Information system, 2017.
- Ministry of Water and Environment, Department of Water Quality Management - Developed Terms of Reference for recruitment of a programmer and supervisor to develop an Integrated National Water Quality Database and Information System, Digital Transformation Project ,2015.
- Ministry of Water and Environment, Department of Water Quality Management
- Carried out a needs assessment for an Integrated National Water Quality Database and Information System, 2014.

- K2 Telecom - Development of a Scheduler Application Tool used in reporting and reconciliation of traffic.
- Uganda Telecom, Technical Support, migration from TABS to Ability billing solutions, 2007.
- Economic Policy Research Center, Makerere University - Analysis of Data on Food Security in Uganda, 1997.

AWARDS

- People Manager, Techmahindra
- Orange 4th Anniversary Award, 2013, Orange Uganda
- Certificate of Service to UGA/95/001, NEX/ MoFPED

SERVICE TO COMMUNITY

- Vice Chairperson – NOTE BER Savings and Credit Cooperative Organizations (SACCO).

PUBLICATIONS

1. A. Lukyamuzi, J. Ngubiri and **W.Okori**. Polarity and Similarity Measures Towards Classifying an Article on Food Insecurity. *International Journal of Technology and Management*, vol5, No. 2, pp 1-10, 2020.
2. A.Lukyamuzi, J. Ngubiri and **W. Okori**. "Towards Ensemble Learning for Tracking Food Insecurity From News Articles," *International Journal of System Dynamics Applications (IJSDA)*, IGI Global, vol. 9(4), pp 129-142, 2020.
3. A. Lukyamuzi, J. Ngubiri and **W. Okori**. "Topic Based Machine Learning Summarizer". In *Proceedings of the IEEE International Smart Cities Conference (ISC2)*, pp 288-291, 2019.
4. A. Lukyamuzi, J. Ngubiri and **W. Okori**. "Tracking Food Insecurity from Tweets Using Data Mining Techniques". In *Proceedings of the IEEE/ACM Symposium on Software Engineering in Africa (SEiA)*, pp.27-34, 2018.
5. **W. Okori** and J. Obua,, "Integrated Risk Components in Data Modeling for Risk Databases", *Journal of Computer Science and Information Technology*, vol 5, No. 1, pp. 15-25, 2017.
6. A. Lukyamuzi, J. Ngubiri and **W. Okori**. "Towards Harnessing Phone Messages and Telephone Conversations for Prediction of Food Crisis", *International Journal of System Dynamics Applications (IJSDA)*, vol.4, issue. 4,pp. 1-16, 2015.

7. **W. Okori** and J. Obua, "Computational Learning in Climate Change Adaptation Support," *Journal of Computational Intelligence and Electronic Systems*, vol 3, no 3, pp. 220-224, 2014.
8. **W. Okori** and J. Obua, "Contribution of Prior Knowledge to Probabilistic Prediction of Famine," *Applied Artificial Intelligence*, vol 27, no 10, pp 913-923, 2013.
9. **W. Okori** and J. Obua, "Supervised learning algorithms for famine prediction," *Applied Artificial Intelligence*, vol. 25, no. 9, pp. 822–835, 2011.
10. **W. Okori** and J. Obua, "Machine Learning Classification Technique for Famine Prediction," In *Proceedings of The World Congress on Engineering*, vol. 2, pp. 991–996, 2011.
11. **W. Okori**, J. Obua, and V. Baryamureeba, "Logit Analysis of Socioeconomic Factors Influencing Famine in Uganda," *Journal of Disaster Research*, vol. 5, no. 2, pp. 208–215, 2010.
12. J. A. Quinn, **W. Okori**, and A. Gidudu, "Increased-specificity famine prediction using satellite observation data," In *Proceedings of the First ACM Symposium on Computing for Development*, 2010.
13. E. Mwebaze, **W. Okori** and J. A. Quinn, "Causal Structure Learning for Famine Prediction," In *Proceedings of AAI Spring Symposium: Artificial Intelligence for Development*, Technical Report SS-10-01, 2010.
14. **W. Okori**, J. Obua, and V. Baryamureeba, "Famine Disaster Causes and Management Based on Local Community's Perception in Northern Uganda," *Research Journal of Social Sciences*, vol. 4, pp. 21–32, 2009.

REFEREES

To be provided on request