

JAPARI ZACHARY GANAMA

Department of Learning Technologies, University of North Texas
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EDUCATION

Ph.D. Learning Technologies (In View) December 2019
University of North Texas, USA

Certificate, Oxford Fintech Programme May 2019
University of Oxford, United Kingdom

MSc. Software Engineering September 2010
University of Manchester, United Kingdom.

BSc. Software Engineering May 2009
American University of Nigeria, Nigeria.

RESEARCH INTERESTS

I am interested in education in emerging communities, especially how technology can be used to improve early childhood learning in such contexts.

RELEVANT PUBLICATIONS

- Tyler-Wood, T. and **Ganama, J.** (2019, March). Including Students with Special Needs Into an Inclusion Science Classroom: Are Students Acquiring Skills for Future STEM Jobs? In *Society for Information Technology & Teacher Education International Conference* (pp. 2400-2407). Association for the Advancement of Computing in Education (AACE).
- Ngilari, J.** (2018, August). Educational Technology in Resource-Constrained Environments: A Nigerian Case Study. In *International Conference on Innovative Technologies and Learning* (pp. 272-281). Springer, Cham.
- Ngilari, J.** (2016, March). Round Table: What has Africa Been Saying About Educational Technology? In *Society for Information Technology & Teacher Education International Conference* (pp. 3139-3143). Association for the Advancement of Computing in Education (AACE).
- Ngilari, J.** (2010). Rapid Prototyping via Executable Specifications. As: Dissertation for a Master of Science in Software Engineering, University of Manchester.
- Ngilari, J.** et al. (2009). Software Engineering Education Ethics in Sub-Saharan Africa. In: *World Congress on Science, Engineering and Technology Proceedings*. ISSN: 2070-3724
- Bollou, F. and **Ngilari, J.** (2009). Introducing Software Engineering and Computer Science Students to Design instead of Automation. In: *International Conference on Frontiers in Education: Computer Science and Computer Engineering*, 13-16 July 2009, Las Vegas. pp. 158-161.

TAUGHT COURSES

Systems Analysis & Design

Data Structures & Algorithms

Introduction to Computer Science

Introduction to Databases and Web Technologies

Introduction to User Interface Design and Human Computer Interaction

PROFESSIONAL SKILLS

Programming Languages

C#/ASP and Python/Flask.

Database Technologies

SQL and MySQL

Development Paradigms

Agile and MVC

Other

SAP TERP-10 Certified Associate

WORK HISTORY

Senior Program Analyst

July 2017 to Date

Pension Transitional Arrangement Directorate, Nigeria

Chief Technical Officer

July 2015 to June 2017

Kudy Financials Limited

Instructor of Computer Science

January 2015 to July 2015

Baze University, Nigeria

Instructor of Software Engineering

January 2012 to July 2014

American University of Nigeria, Nigeria

Lead Developer, Open ERP System

September 2011 to January 2012

American University of Nigeria, Nigeria

Graduate Teaching/Research Assistant

October 2010 to September 2011

American University of Nigeria, Nigeria

Intern, Software Development Unit

June 2008 to August 2008

Quanteq Technology Services, Nigeria

VOLUNTARY WORK

Community Service Volunteer

Inspiration Life Community Church, Nigeria

Community Service Volunteer

Wadi Ben Hirki Foundation, Nigeria

Accountant, Women's Leadership Council

American University of Nigeria, Nigeria

NOTABLE PROJECTS

Design of a Web Based Application, Peer Assisted Learning System, *PALS*

Design of a Tablet Based Application for Early Childhood Mathematics, *Mathy!*

Design of a Desktop Based Application for Remote Faculty Training, *Laurel*

REFEREES

Bill Elieson, Ph.D

Department of Learning Technologies

College of Information, University of North Texas

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Tandra Tyler-Wood

Chair, Department of Learning Technologies

College of Information, University of North Texas

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