CURRICULUM VITAE

PERSONAL INFORMATION

Full Name: Catherine Najjemba

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Professional title: Assistant Lecturer

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PROFESSIONAL PROFILE

I am a trained teacher, with additional training in Computer science and Information systems. An educator in a higher education institution with a Master of Science in Information Systems and experience in teaching, developing teaching materials, conducting academic research, supervising student projects, internship and applying information systems concepts to organizational and educational challenges. I am committed to contributing to organizational success while enhancing my professional growth and development.

RESEARCH INTERESTS

My research interests focus on the application of Information Systems, Artificial Intelligence, digital transformation and emerging technologies to sustainable development in developing countries. I am particularly interested in examining how organizations and higher education institutions can strategically leverage AI and other emerging technologies to improve performance, decision-making, teaching and learning.

My research also focuses on digital transformation and Information Systems for Competence-Based Higher Education in developing countries. I am specifically interested in understanding the technological, institutional and other policy factors that influence successful technology adoption in resource-constrained environments.

My research aims to contribute evidence-based approaches for leveraging Information Systems and emerging technologies to enhance higher education, entrepreneurship, agriculture and sustainable development in developing countries like Uganda and East Africa.

BOOK CHAPTER SUBMISSIONS

- Leveraging Artificial Intelligence in Uganda's Agricultural Industry: Emerging Entrepreneurial Ventures and Innovations [-*peer-reviewed, yet to be published*]

- Ch. 8: Leveraging Technology for Competence-Based Assessment in Education: A Solution for Resource-Constrained Settings (260625-013950) [*-peer reviewed, yet to be published*]
- National Digital Strategies for Sustainable Development: Evaluating Uganda's Digital Transformation Agenda and Its Contribution to Sustainable Development Goals (SDGs) [*-under peer review*]

EDUCATION BACKGROUND

Year	Award	Institution
2018-2021	MSc. in Information Systems	Uganda Martyrs University, Nkozi
2012-2014	Dip. Computer Science and Information Technology	Uganda Martyrs University, Nkozi
2005-2009	B.Voc.Tech. studies /Educ.	Kyambogo University, Kampala
2003-2004	U.A.C.E	Masaka Secondary School, Masaka City.
1997 -2000	U.C.E	Maryhill High School, Mbarara City.

WORK EXPERIENCE

1. Assistant Lecturer | Uganda Martyrs University, Nkozi
   (November, 2023 to Date)
   - Assist and guide students in their academic development and growth
   - Prepare, give lectures, set exams, assess and mark question papers
   - Research supervision
   - Planning and carrying out operational research activities

2. Computer Lab attendant | Uganda Martyrs University, Masaka Campus
   (February/2014 – 2023)
   - Providing user support - solve client issues, train students on using various business systems.
   - Troubleshooting and fixing computer technical problems – check for errors, update software
   - Managing the Local area network – connecting user devices on the network, troubleshooting network problems, configurations and monitoring.
   - Providing a conducive working environment to clients

- Administrative assignments – ather assignment to attend to customers in various capacities

3. Office assistant | Uganda Martyrs University-Nkozi, Masaka campus
   (August / 2012 – January / 2014)

   - I worked as a volunteer for two years -Assisted in overseeing daily office operations.

4. Teacher | St. John Baptist Vocational Institute, Lwannunda, Masaka City.
   (September/2009 - March/2011)
   - Providing education services to students, as well as administrative duties.

SKILLS

- Computer applications
- Systems Analysis and Design
- Database management
- Research
- Problem solving

PERSONAL ATTRIBUTES

- Effective communication skills
- Strong organizational abilities
- Ability to work under minimum supervision
- High level of integrity and professionalism
- Quick learner and adaptable
- Time management skill**s**

TRAININGS / CERTIFICATIONS

- Scalable Network Design (Network troubleshooting, Bandwidth management and Proactive monitoring), by RENU.
- CyberSecurity by CISCO Network Academy.
- Introduction to Networks by CISCO Network Academy
- Certificate in Computer Applications
- Entrepreneurship and Business skills Programme by Enterprise Uganda

REFEREES

1. Fr. Dr. George William Byarugaba,
   Director, Masaka Campus.

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