Martin Ngobye

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Personal Profile:

Experienced and dedicated professional instructor in computing and software engineering disciplines. Through out my professional career, I have studied diverse student capabilities, in different institutions thus developed student led based instruction learning, a skill I would passionately impart to your students. I am an excellent team player where tasks are accomplished and delivered on time. I also believe in practical training rather than theory acquisition, thereby emphasizing hands on based learning. I have great communication and interpersonal skills.

Achievements and Skills:

- Curriculum developer
- Instructional design materials
- Excellent at Object oriented programming languages like Python, Java and C#.
- Web programming
- Computer and Software Architectures
- Database systems and Programming
- XML and Web services technologies

Education:

PhD (Cand): PhD Candidate in Computer Science; Makerere University, Uganda .

2002 -2005: MSc Computer Science- Hunan University, China

1999-2000: Post Graduate Diploma in Computer Science - Makerere University

1995-1999: Bachelor of Science with Education, Makerere University

(Physics and Mathematics)

Work experience:

2022- To-date: Phd Candidate

2007 - 2022: Lecturer, Mbarara University of Science and Technology (MUST)

2006 - 2007: Ag. Dean and Lecturer in the School of Computer Science and IT, Kampala University (KU)

2005 - 2006: Assistant Lecturer, Makerere University Faculty of Computing and IT- department of Computer Science.

2004 - 2005: Offered a years IT trainee as my practicals in e-think company in Changsha, China.

2000 - 2002: Classroom Teacher GreenHill Academy. Also executed my professional duties as a physics instructor

1992 - 2000: Worked as a research assistant in Fisheries Research Institute in The water hyacinth project.

Research Interests:

My research interests are in Artificial Intelligence and Machine Learning, with a focus on adaptive, explainable and robust learning for imbalanced and ordinal clinical data. My work investigates class imbalance, cost-sensitive learning, multi-class and ordinal classification, model evaluation, and generalization under distribution shift, with applications in clinical decision support and pediatric disease prediction.

Professional qualifications:

- Microsoft Certified Systems Engineer (MCSE)
- Microsoft Certified Systems Administrator (MCSA)
- Microsoft Certified Database Administrator (MCDBA)
- Professional mathematics and physics instructor
- Software engineer researcher especially in the field of Software testing.
- Microsoft products solutions developer.
- Website designer.

PUBLICATIONS:

- Martin. A. N "***Computing a static slice for java programs***" Computing Technology and Automation Journal ISSN 1003 – 6199 2005(3) July 2005.
- Narcis T.Rwangoga., Martin N., "***The Future of Intelligent Networks in Developing Countries***" International Journal of computing and ICT research. ISSN 1818-1139, September 2005.
- Martin.N, Wouter T. de Groot, Theo van der Weide. "**Types and priorities of multi agent system interaction**": Submitted to a journal, Journal Interdisciplinary Description of Complex Systems; INDECS 8(1). ISSN 1334-4676.
- Martin.N, Kanagwa. B, Wouter T. de Groot, Theo van der Weide, "**An Approach for Agent-Based Modeling Using AiC**$^{+}$" Submitted to a conference, in Freiburg, Germany 2010:
- Martin. N, Kanagwa. B, "**The Socially embedded multi-agent system Architecture**" Submitted to IJCIR 2012. Yet to be published.
- Martin. N "**Raising the drive into scientific research among staff of Mbarara University**." Submitted to the ICT Journal of Mbarara University 2013.

Hobbies and Interests:

I enjoy socializing with friends and family and taking part in exercises like jogging, skipping and biking. I also like meeting new people through networks like social clubs and Rotary which has allowed me enhance my communication skills outside my normal academic environment.

Referees:

1. **Dr. Joyce N, Nabende:** Department of Computer Science, College of Computing and Information Science, Makerere University, P. O. Box 7062 Kampala, Uganda. Tel: 256 776 543 466. Email: joyce.nabende@mak.ac.ug
2. **Dr. Evarist Nabaasa**, Dean, Faculty of Computing & Informatics, Mbarara University of Science and Technology. P. O. Box 1410 Mbarara. Tel; 256 774 198 724, Email: enabaasa@must.ac.ug