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CURRICULUM VITAE

PERSONAL PROFILE

I hold a Master's of Science Degree in Computer Science from the University of Nairobi and also a Higher Diploma in Management Information Systems (IMIS-UK).

I am an ICT specialist with vast experience in busy data center environments, systems administration both in Linux and windows environments, and software systems development and deployment in public and private sectors. I currently work at The University of Nairobi's ICT Center as Ag. Deputy Director, Network Infrastructure Services.

Besides my IT specialization, I have a passion for the education of young people. I am the chair of Rongai Boys Alumni (my former high school). Through this group, I have mentored and supported high school learners through annual alumni days and other fora.

I have exceptional collaborative and interpersonal skills, and a dynamic team player with well-developed written and verbal communication abilities.

EDUCATION

2010 – 2012: University of Nairobi (Msc Computer Science)

2002 – 2006: University of Nairobi (BSc. Computer Science)

2001 – 2002: Strathmore University (Higher Diploma - MIS)

1997 - 2000: Rongai Boys Secondary School

1989 – 1996: Kenyatta Primary School - Nakuru.

SCHOLARSHIPS

2010 –2012: University of Nairobi, Msc, funded by IDRC – ICTs for Development

2001 –2002: Strathmore University, Higher Dip, Funded by the European Union

PROFESSIONAL QUALIFICATIONS AND TRAININGS

2018: The Innovator's Advantage – Innovation Champion at University of Nairobi

2016: Microsoft IT Academy – Recognition of commitment to student success through excellence in IT education

2011: IMES – Yokohama National University - JAPAN

2009: CISA
2008: IPv6 (KENIC)
2008: Cisco Certified Network Associate (CCNA)
2008: Cisco Unified Call Manager – (Fastlane – Dubai)
2007: Implementing Cisco QoS in VoIP – (Fastlane – Dubai)
2007: Microsoft Certified Professional – C#

WORK EXPERIENCE

May 2017 – Current: (Ag. Deputy Director, Network Infrastructure Services) - University of Nairobi

- Team leader, Network Infrastructure Services at the University
- Leads Performance Contracting reporting for his section
- Other duties as assigned by Director ICTC.
- Part-time lecturer - School of Computing & Informatics - Computer Forensics and Cyber Security

Sep 2016 – April 2017: (Manager, DataCenter Services) - University of Nairobi

- Team leader, Data Center Services
- Other duties as assigned by Deputy Director, and Director ICTC.
- Part-time lecturer/instructor - School of Computing & Informatics - Computer Forensics and Cyber Security

Nov 2010 – Aug 2016: (ICT Security Officer) - University of Nairobi

- Team leader, ICT Security, in the Network Infrastructure Services (NIS) Section of ICT
- In-charge of University wide information system security, mailing systems, and internet services.
- Leads Performance Contracting reporting for his section
- Training and sensitization of University staff on latest security developments and techniques
- Other duties as assigned by Deputy Director (NIS), and Director ICTC.
- Part-time lecturer/instructor - School of Computing & Informatics - Computer Forensics and Cybersecurity

Jan 2008 – Oct 2010: (Snr ICT Security Officer) ICT Centre - University of Nairobi

- Part of team that was responsible for Confidentiality, Integrity and Availability of ICT resources in UoN data center
- Part of team administering University mail system and internet access systems
- Work with other ICT sections (backbone, system administrators, VOIP) to ensure continued quality services
- Information systems audit

Feb 2007 – Dec 2007: (Senior ICT Officer) ICT Centre-University of Nairobi

- Officer In charge of Chiromo campus (OIC) ICT operations
- Design of IP networks for labs and offices
- Coordinating user and network support team in Chiromo campus.
- Joint development of work plans for ICT section
- Reporting progress of ICT projects as per performance contracts

- Supervise implementation of college level ICT projects
- Evaluation of bids for various ICT projects, key being the university data center.

SELECTED PROJECTS AND CONSULTANCIES

2018

- Team leader, migration of staff email services to Google Suite.
- Consultant, ICT infrastructure Services, HealthIT project through UNES.

2017

- Team leader, virtualisation of University of Nairobi Server farm on Proxmox Virtualisation and Xen Citrix
- Consultant, ICT infrastructure Services, HealthIT project through UNES.

2016

- Team leader, implementation of Microsoft Active Directory System

2015

- Team leader, upgrade of UoN Fortigate Next Generation Perimeter Firewall
- ICT lead, ABT-AfyaInfo project through UNES

2014

- Team leader, upgrade of staff UoN mail service
- Team member, IS Audit for Kenya National Audit Office (KENAO) through UNES.
- Team member, IS Audit for Sacco Societies Regulatory Authority (SASRA) through UNES

2013

- Team leader, implementation of enterprise corporate antivirus solution at UoN (Over 5000 users)
- Set-up of data centre enterprise class servers on Proxmox VM
- Reconfiguration of corporate perimeter firewall – Cisco ASA 5540
- Deployment of an open source health management system for an international NGO based on OpenMRS platform.

2012

- Team leader, University farm server virtualisation using Proxmox
- IS Audit for University of Nairobi Enterprise Services (UNES)
- Wifi roll-out Kikuyu, Chiromo, and Lower Kabete Campuses

2011:

- Participated in design and roll-out of VLANs for UoN network
- Participated in design and migration of IP addressing scheme for UoN
- Trainer – Project Management using MS Project, UNITID Fellowship

2009:

- Part of team that set up central authentication mechanism for UoN students on radius + MySQL backend
- Trainer – ICT Disaster Recovery, Project Management using MS Project

2008:

- User training – Hands on trainer in database design and development for Ministry of Trade officers.
- Set up of UoN students email on Google Apps platform

2006:

- UNHCR - GIS project that involved mapping of landmarks within Nairobi residential areas, to ease identification of the same areas by refugees and UNHCR staff.

AREAS OF INTERESTS

- ICT: Computer Systems Development and Security, Networks and Systems Administration, Geographical Information Systems
- Social interests: Boy child empowerment, mentoring young people
- Avid book reader