HERMAN KANDJIMI

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Summary

A diligent scholar who is always seeking opportunities to further his knowledge and enhance his professional competitiveness. Currently pursuing research interests in Mobile applications development, Human–computer interaction, Artificial Intelligence and Robotics to improve managerial competencies in business acumen, performance management and organizational culture. Aims to enhance computer literacy and development of software solutions tailored for African problems. Advocates for active reading in homes, active sports participation and promotes innovation and entrepreneurship in the community.

Skills

- Interactive teaching/learning, student-centred learning and classroom technologies Integration
- Creative lesson plan development and training program administration
- Team player, Self-motivated and strong collaborative skills
- Open-minded and Fast learner
- Software design, development, testing, documentation and reporting

- Excellent problem-solving skills
- Experience in various programming languages and frameworks such as Java, C++, C#,Swift, Python, Angular and flutter etc.
- Experience in various Databases, from PL/SQL to no-SQL databases
- Web and Mobile applications development
- Business process automation
- Project management

Languages

- *ENGLISH:* Full professional proficiency
- *RUKWANGALI:* Native or bilingual proficiency
- *OSHIWAMBO:* Limited working proficiency

Experience

07/2014 - Current
Namibia University of Science and Technology

Lecturer : Software Engineering

- Teaching, lecturing and provide assessments to students Provide capacity building services to the community Conduct research relevant to specialization
- Computer sciences General departmental governance such as students' registration, timetabling and course coordination

Windhoek, Khomas Region	• Integrated technology resources such as e-learning/moodle to diversify instruction and engage student interest. • Planning and updating curricula and lesson plan to continuously improve subject coverage. • Planning and executing of various programming competitions. • Student research supervision and software project mentorship

02/2011 - 06/2014 Rundu Vocational Training Center Rundu, Kavango Region	**VET Trainer (Instructor) and IT Administrator** • Mainly involved in: Training Math and Science to vocational students Training basic IT courses to students and Technical IT support to Staff. • Systems installations and Network maintenances at the centre. • Responded to assistance requests from users and directed individuals through basic troubleshooting tasks. • Set up new desktop systems and configured laptops for incoming employees, loading required software and server permissions.

06/2010 - 12/2010 Electoral Commission of Namibia Windhoek, Khomas Region	**IT Support Staff and Trainer** • Trained Polling officials on the new electronic voting system called ERIMS- Election Results Information Management System before the 2010 elections. • Provided local and remote first line IT support for hardware and software to ECN personnel throughout the election period(2010).

Education and Training

Ongoing(2022 -) Windhoek, Khomas Region	**Postgraduate Diploma in Management** Harold Pupkewitz Graduate School Of Business Namibia University Of Science And Technology

04/2021 Noida Campus (Online),	**Postgraduate Diploma in Artificial Intelligence(e-DAI)** Centre for Development of Advanced Computing (C-DAC)-India

11/2020 Windhoek, Khomas Region	**Postgraduate Certificate in Higher Education** Namibia University Of Science And Technology

04/2020 Windhoek, Khomas Region	**Master of Computer Science** Namibia University Of Science And Technology • Thesis: [Development And Usability Evaluation Of A Mobile-Based Multiplatform Interactive Museum Guide - iMuseum]

04/2016
Windhoek, Khomas
Region
	Bachelor of Computer Science Honors in Software Development
	Namibia University Of Science And Technology
	  • Mini-Thesis: [iMuseum: A LOCATION-AWARE INTERACTIVE GUIDE FOR SMART
	  PHONES USERS IN NAMIBIAN MUSEUMS]

12/2009 Cape Town, WC	**Bachelor of Science** in Computer Science and Applied Mathematics University Of Cape Town

10/2005
Nkurenkuru,
Kavango Region
	Grade 12 (HIGCSE)
	ELCIN NKURENKURU HIGH SCHOOL
	  • Completed coursework in [RUKWANGALI 1ST LANGUAGE]
	  [ENGLISH AS A 2ND LANGUAGE],[BIOLOGY],[PHYSICAL SCIENCE],
	  [MATHEMATICS] and [COMPUTER STUDIES]

Activities and Honors

- Member of the Faculty community engagement committee
- Member, NBII Developers' circle (2014 - present)
- Member, Association for Computing Machinery (ACM) (2006 - present
- Certificate for completion of Young leaders program in vocational training education (Jan/Feb 2012 at Hyogo, Japan) through JICA.)
- Certificate for Cleanliness and Discipline (2005)
- Best Overall Performed student in Grade 12 (2005)
- Certificate of Achievement: First Class Position (2001 - 2005)

Accomplishments

- Supervised and Managed a team of developers at MTC while working on the IPO project (Sep-Dec 2019)
- Developed an interactive and location aware multi-platform mobile application for the Independence Memorial Museum
- Increased student participation and test scores by introducing relevant computer programs and exercises to allow automated grading and student continuous interaction
- Motivated students to engage with course materials for programming and software engineering, leading to large number of students opting for software development major.
- Presented a number of peer reviewed journals and application demonstrations on Culture and Computer Science
- Smuts Hall's (UCT male residence) Computer science and Mathematics Tutor.
- Namibian Student Society Executive Committee -IT representative Updating and Managing Namibian Student Society (NamSoc) Site on Vula (Social and Education site for all the Namibian Students at UCT).
- Assisted in installing operating systems and managing internet for students at Elcin Nkurenkuru High School.

Academic Publications

- Gamundani, A., Bhunu, S. F., Bere, M., & Kandjimi, H. (2015). A Preliminary Survey on Child Online Protection Initiatives:A Focus on Namibia .. International Research Journal of Computer Science. 2. 17-22.

- Kandjimi, H., Muyingi, H., & Sieck, J. (2016). A Usability Study of Indoor Micro Location-aware Interactive Guide Application in Museum: The Namibian independence museum. In C. Busch & Sieck Jürgen (Eds.), Kultur und Informatik: Augmented Reality (pp. 155–169). Glückstadt: Hülsbusch, W.

- Kandjimi, H., & Muyingi, H. (2018). Ionic and AngularJS: Frameworks for Developing Interactive & Location-based Museum Hybrid Systems. In C. Busch, C. Kassung, & Sieck Jürgen (Eds.), Kultur und Informatik: Hybrid Systems (pp. 239–251). Glückstadt: Hülsbusch, W.

- Kandjimi, H. (2019). Development and usability evaluation of a mobile-based cross-platform interactive museum guide-iMuseum (Masters dissertation, Namibia University of Science and Technology).

- Kandjimi, H., Srivastava, A., & Muyingi, H. (2021). Attendance System with Emotion Detection: A case study with CNN and OpenCV. In Proceedings of the International Conference on Data Science, Machine Learning and Artificial Intelligence (pp. 53-56).

References

- **Dr. Colin Stanley**
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