

# HERMAN KANDJIMI | Curriculum Vitae

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## SUMMARY

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A diligent scholar who is always seeking opportunities to further his knowledge and enhance his professional competitiveness. Currently enrolled at the University of Cape Town pursuing a PhD in Computer Science, exploring the application of machine learning and digital tools towards personalized learning environments for the future. Aims to enhance computer literacy and development of digital solutions tailored to African problems.

## EXPERIENCE

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### LECTURER: SOFTWARE ENGINEERING

09/2019 - Present

**Namibia University of Science and Technology**  
Conducting research relevant to specialization.

Windhoek, Namibia

Providing capacity building services to the community.

Planning and updating curricula and lesson plans to continuously improve subject coverage.

### JUNIOR LECTURER: SOFTWARE ENGINEERING

07/2014 - 09/2019

**Namibia University of Science and Technology**

Windhoek, Namibia

Integrating technology resources such as e-learning/moodle to diversify instruction and engage student interest.

Planning and executing of various programming competitions.

Student research supervision and software project mentorship.

### VET TRAINER + IT SPECIALIST

02/2011 - 06/2014

**Namibia Training Authority - RunduvTC**

Kavango, Namibia

Systems installations and Network maintenance at the centre.

Setup desktop systems and laptops for incoming employees.

Configuration of required software and User accounts.

### IT SUPPORT STAFF AND TRAINER

06 -12/2010

**Electoral Commission of Namibia**

Windhoek, Namibia

Provided local and remote first-line IT support for hardware and software to ECN personnel throughout the 2010 election.

Trained Polling officials on the new electronic voting system called ERIMS- Election Results

Information Management System before the 2010 elections.

Setup Uplink systems in remote constituencies to allow for live voting.

## PHD, COMPUTER SCIENCE

University of Cape Town

Supervisor : Prof. Hussein Suleman

2/2023 - Present

Cape Town, ZA

## POSTGRADUATE DIPLOMA IN MANAGEMENT

2 - 12/2022

Namibia University Of Science And Technology, Harold Pupkewitz G. School Of Business

Windhoek, Namibia

Focus Areas : Economics In Management Practice, Finance For Managers, General

Management And Operations, Leadership And People Management, Project Leadership

And Management, Strategic Marketing Management

## POSTGRADUATE DIPLOMA IN ARTIFICIAL INTELLIGENCE(E-DAI)

09/2021 - 04/2022

Centre for Development of Advanced Computing (C-DAC)

Noida(Online), India

Focus Areas : Practical Data Analytics & Machine Learning, Natural Language Processing

& Computer Vision, Deep Neural Networks & AI Computing Platforms, Applications and

Trends

## POSTGRADUATE CERTIFICATE IN HIGHER EDUCATION - CUM LAUDE

02/2019 - 06/2020

Namibia University Of Science And Technology

Windhoek, Namibia

Focus Areas : Teaching, Learning and Assessment, Curriculum Design and Development,

Technology Integration in Teaching and Learning

## MSC, COMPUTER SCIENCE

06/2017 - 12/2019

Namibia University Of Science And Technology

Windhoek, Namibia

Thesis : Development And Usability Evaluation Of A Mobile-Based Multiplatform

Interactive Museum Guide - iMuseum

Supervisor : Prof. Hippolyte N. Muyingi

## BACHELOR OF COMPUTER SCIENCE HONORS IN SOFTWARE DEVELOPMENT

02 - 12/2015

Namibia University Of Science And Technology

Windhoek, Namibia

Mini-Thesis : iMuseum: A Location-Aware Interactive Guide For Smart Phones Users In

Namibian Museums

Supervisor : Prof. Hippolyte N. Muyingi

## BSC IN INFORMATION TECHNOLOGY

2/2006 - 12/2009

University of Cape Town

Cape Town, ZA

Focus Areas : Computer Science, Applied Mathematics

# PUBLICATIONS

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**Kandjimi, H.** & Suleman, H. (2024). Investigating Markov Model Accuracy in Representing Student Programming Behaviours. South African Computer Science and Information Systems Research Trends, Communications in Computer and Information Science (2159)62-78, Springer, Cham. [https://doi.org/10.1007/978-3-031-64881-6\\_4](https://doi.org/10.1007/978-3-031-64881-6_4).

Da Silva, A. T., & **Kandjimi, H.**(2023).Designing a supervisory Real-Time Tracking system for Namibian children. Social Science Research Network,<https://doi.org/10.2139/ssrn.4331808>.

**Kandjimi, H.** , Srivastava, A., & Muyingi,H. (2021). Attendance system with emotion detection: A case study with cnn and opencv.ACM International Conference Proceeding Series,53–5. <https://doi.org/10.1145/3484824.3484896>.

**Kandjimi, H.** , & Muyingi, H. (2018). Ionic and AngularJS: Frameworks for Developing Interactive Location- based Museum.Kultur und Informatik: Hybrid Systems,239-252.

**Kandjimi, H.** , Muyingi,H., & Sieck, J. (2016). A usability study of indoor micro location-aware interactive guide application in museum: Case of namibian independence museum.Kultur und Informatik: Augmented Reality.

Gamundani, A., Bhunu Shava, 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.

# SKILLS

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<b>COMPUTER SCIENCE, EDUCATION</b>	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   Creative, Open-minded and Fast learner   Experience in various Databases, from PL/SQL to no-SQL databases
<b>SOFTWARE ENGINEERING</b>	Software design, development, testing, documentation and reporting   Excellent problem-solving skills   <b>Programming languages and frameworks:</b> Java, JavaScript, C++, C#, Swift, Python, Angular, React and Flutter etc.   <b>Source control:</b> - Git and GitHub   Web and Mobile applications development   Data science, algorithms, and machine learning.
<b>BUSINESS ADMINISTRATION AND MANAGEMENT</b>	Business process automation   Business Finance and Economics   Project Leadership And Management   Strategic Marketing Management
<b>LANGUAGES</b>	<b>Native:</b> Rukwangali   <b>Fluent:</b> English   <b>Intermediate:</b> Oshiwambo

## ACCOMPLISHMENTS

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### PROJECT TEAM LEAD/SUPERVISOR

06 - 12/2019

Mobile Telecommunications Ltd (MTC) & NUST

Windhoek, Namibia

Supervised and Managed a team of student developers at MTC while working on the IPO project.

### HONOURS - MASTER PROJECT DEVELOPER

02/2016 - 12/2019

Independence Memorial Museum & NUST

Windhoek, Namibia

Developed an interactive and location-aware multi-platform mobile application for the Independence Memorial Museum.

## INTERESTS

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**READING** Self-help | Motivational | Business and Economics | Career guidance | Science Journals

**SPORTS** Running | Hiking | Cycling | Weightlifting | Soccer

**VIDEOS** SciFi | Comedy | Crime | Drama | Action | Documentaries | Wildlife | Travel | YT: Comedy Travel Music Mix, Music Videos, DIY & Car Tuning

**MUSIC** All Namibian Music | House | Afrobeat | Rhythm and blues | HipHop & Rap | Country & Electro | Soul & Kizomba

## REFERENCES

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### PROF. HUSSEIN SULEMAN

Dean - Faculty of Science  
University of Cape Town

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### DR. COLIN STANLEY

Acting Deputy Vice-Chancellor: Research, Innovation and Partnerships  
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### PROF. FUNGAI BHUNU SHAVA

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### MRS. BONITA GRAUPE

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