HERMAN KANDJIMI

PhD Student | Department of Computer Science - Universty of Cape Town
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Basics

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Url	https://hkandjimi-max.github.io
Summary	A diligent scholar who is always seeking opportunities to further his knowledge and enhance his professional competitiveness.

Work

2019.09 - PRESENT
📍 Windhoek, Namibia

Lecturer: Software Engineering

Namibia University of Science and Technology

Computer science and Software Engineering departmental governance and administration

- Conduct research relevant to specialization
- Provide capacity building services to the community
- Planning and updating curricula and lesson plans to continuously improve subject coverage.

2014.07 - 2019.09
📍 Windhoek, Namibia

Junior Lecturer: Software Engineering

Namibia University of Science and Technology

Teaching, lecturing and providing assessments to students

- 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

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2011.02 - 2014.06
📍 Rundu VTC, Kavango

VET Trainer + IT Specialist

Namibia Training Authority

Training Math and Science to vocational students, training basic IT courses to students and Technical IT support to Staff

- Systems installations and Network maintenance at the centre.
- Setup desktop systems and laptops for incoming employees
- Configuration of required software and User accounts

2010.06 - 2010.12
📍 Windhoek, Namibia

IT Support Staff and Trainer

Electoral Commission of 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

Education

2023.02 - PRESENT
📍 Cape Town, ZA

PhD, Computer Science

University of Cape Town

Computer Science, Education Technology, Machine Learning, Natural Language Processing

- Title: Modelling Students' Source Code Evolutions To Provide Personalised Guidance During Practical Activities In Introductory Programming Courses
- Supervisor: Prof. Hussein Suleman

2022.01 - 2022.12
📍 Windhoek, Namibia

Postgraduate Diploma in Management

Namibia University Of Science And Technology, Harold Pupkewitz Graduate School Of Business

Business Administration and Management

- Economics In Management Practice
- Finance For Managers
- General Management And Operations
- Leadership And People Management
- Project Leadership And Management
- Strategic Marketing Management

2021.09 - 2022.04
📍 Noida(Online), India

Postgraduate Diploma in Artificial Intelligence(e-DAI)

Centre for Development of Advanced Computing (C-DAC)

Artificial Intelligence, Machine Learning

- Practical Data Analytics & Machine Learning
- Natural Language Processing & Computer Vision
- Deep Neural Networks & AI Computing Platforms, Applications and Trends

2019.01 - 2020.06
📍 Windhoek, Namibia

Postgraduate Certificate in Higher Education

Namibia University Of Science And Technology

Education - Teaching, learning, assessment and technology support

- Teaching, Learning and Assessment
- Curriculum Design and Development
- Technology Integration in Teaching and Learning

2017.06 - 2019.12
📍 Windhoek, Namibia

MSc, Computer Science

Namibia University Of Science And Technology

Software Development, Mobile Development, HCI

- Thesis: Development And Usability Evaluation Of A Mobile-Based Multiplatform Interactive Museum Guide - iMuseum

2015.01 - 2015.12
📍 Windhoek, Namibia

Bachelor of Computer Science Honors in Software Development

Namibia University Of Science And Technology

Software Development, Mobile Development, HCI

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

2006.01 - 2009.12
📍 Cape Town, ZA

BSc in Information Technology

University of Cape Town

Computer Science, Applied Mathematics

Fellowships and Scholarships

2023.02.01

Hasso Plattner Institute (HPI) Fellowship

HPI Research School at UCT

The Hasso-Plattner Institute (HPI) Research School at the University of Cape Town, affiliated with the School of Information Technology at the University of Cape Town, annually grants PhD and Postdoctoral fellowships to qualifying students from the African continent in the fields of Computer Science (CS) and Information Systems (IS). The programme seeks high-quality applications centred on ideas that revolve around proposing and evaluating solutions to problems of computer science and information systems that emerge in the African context.

2012.02.01

Young Leaders Programme in Vocational Training Education

Japan International Cooperation Agency - JICA

The Young Leaders Training Programme has seen Africans participating for several years now studying in Japan in the following areas:Education (Primary & Lower Secondary School Teachers)Technical(Technical and Vocational Education and Training)Social Security (Disabilities' Programme Leaders)Agriculture/Rural Development (FY2008)

Skills

Computer Science, Education

- 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

Software Engineering

- Software design, development, testing, documentation and reporting
- Excellent problem-solving skills
- Programming languages and frameworks: Java, JavaScript, C++, C#, Swift, Python, Angular, React and Flutter etc.
- Source control - Git and GitHub
- Web and Mobile applications development
- Data science, algorithms, and machine learning.

Business Administration and Management

- Business process automation
- Business Finance and Economics
- Project Leadership And Management
- Strategic Marketing Management

Languages

Rukwangali

Native speaker

English

Fluent

Accomplishments

2019.06 - 2019.12

Project Team Lead/Supervisor

Mobile Telecommunications Ltd (MTC) & NUST

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

- Employed the use of MEAN stack framework to produce a scalable and stable product.
- Project completed within 6 months with student developers.

2016.01 - 2019.12

Honours - Master Project Developer

Independence Memorial Museum & NUST

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

- Created a progressive web application, that links to a multi-platform mobile tour guide.
- Explored and implemented the use of Bluetooth low energy(iBeacons) for indoor location.

Interests

📖 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

👤 Dr. Colin Stanley

Acting Deputy Vice-Chancellor: Research, Innovation and Partnerships

📍 Namibia University of Science and Technology

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✉ cstanley@nust.na

👨‍🎓 Prof. Fungai Bhunu Shava

Acting Dean – Faculty Computing and Informatics

📍 Namibia University of Science and Technology

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💻 Mrs. Bonita Graupe

Manager IT Development

📍 Mobile Telecommunications Ltd (MTC)

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