MBANGULA
AMUGONGO

CONTACT ME

📱 +264852473265

✉️ amugongol@gmail.com

LinkedIn: Mbangula

GitHub: **Mbangula**

ORCID: 0000-0001-6468-2643

LANGUAGES

- **ENGLISH** – Expert.
- **OSHIWAMBO** – Mother tongue.
- **AFRIKAANS** - Intermediate.
- **GERMAN** – Advance beginner.

SKILLS

PROGRAMMING:

- Python, MATLAB, C, Java, Android, C#, SQL, PL SQL, HTML.

DATABASE

- SQL Server, Oracle 9i/10/11g/12c, MySQL and Firebase.

STATISTICAL TOOLS

- R

SOFT-SKILLS

- Interpersonal skills, analytical skills and leadership.

ABOUT ME

Lameck Mbangula Amugongo holds a PhD from the University of Manchester, for his PhD he applied image-based data mining and artificial intelligence techniques to personalise treatment for lung cancer patients. He has a keen interest in quantitative research methods and its application to solving societal problems. Moreover, Lameck is passionate about data science, technology policy and building tools that make life easier for people.

EXPERIENCE

Lecturer, Namibia University of Science & Technology, Windhoek Namibia

Responsibilities:

- Prepare and conduct lectures for artificial intelligence, data science and programming.
- Prepare student assessments, e.g. tests, projects and exams.
- Supervise student projects.
- Conduct research.

04/2014 – 01/2018

BI Analyst, Telecom Namibia, Windhoek Namibia

Responsibilities:

- Develop APEX application interfacing with Oracle databases.
- Perform data analysis on GSM trends.
- Develop interface between various systems.
- Maintain business intelligence tools, databases, dashboards, systems, or methods.
- Manage timely flow of business intelligence information to users.

09/2017 – 01/2019

Co-Lead, Developer Circles from Facebook, Windhoek Namibia (Non-Paid)

- Organize meetups and events that connects developers to collaborate, learn, and code with other local developers
- Create an active community for developers to access information, share knowledge, and collaborate.

09/2014 – 01/2019

Co-Lead, Google developers' group (GDG), Windhoek Namibia (Non-Paid)

- Facilitate Tech-talks, hackathons, seminars and trainings to encourage knowledge sharing, and networking.
- Organise meetings, events and coordinate collaborations

CONSULTANCY

04/2016 – 04/2016
Consultant/Trainer, UNESCO Youth mobile training, Windhoek
- Equip 27 trainers with the technical and pedagogical skills to train young Namibians in mobile applications development.
- Training included: Object Oriented programming, Android development and app monetisation.

04/2018 – 06/2018
Lead country researcher (Namibia): Africa Open Data Barometer, Local Deployment Research Institute (LDRI), Nairobi, Kenya
- Complete and/or update a number of questions on readiness, use and impacts of open data on the basis of desk research and interviews;
- Assess the availability of data through a number of checkpoints across selected categories;
- Provide quality brief justifications in English for each answer and detailed source information, along with a score and associated evidence to support that score;

EDUCATION

2018 – 2021
- Doctor of Philosophy in Cancer Science, University of Manchester.

2015 - 2017
- Master of Computer Science, Namibia University of Science & Technology (NUST).

2014 - 2014
- Bachelor computer science (Honours): Software Development, Polytechnic of Namibia.

2010 - 2013
- Bachelor of Information Technology in Software Engineering, Polytechnic of Namibia.

SELECTED PUBLICATIONS

- Identification of modes of tumour regression in NSCLC patients during radiotherapy. Med. Phys. (2021). https://doi.org/10.1002/mp.15320.

- Early prediction of tumour-response to radiotherapy in NSCLC patients. Physics in Medicine & Biology. (2021) https://iopscience.iop.org/article/10.1088/1361-6560/ac2f88.

- Identification of patterns of tumour change measured on CBCT images in NSCLC patients during radiotherapy. Physics in Medicine & Biology. (2020) https://iopscience.iop.org/article/10.1088/1361-6560/aba7d3.

- Understanding What Africans Say, Extended Abstracts of the 2018 CHI Conference, ACM, 10.1145/3170427.3180301, Montreal, Canada, 2018.

- Open Data Portal, a Technical Enabler to drive Innovation in Namibia, 2nd International Conference on Open and Big Data (OBD), IEEE, Vienna, Austria, 2016.

- Leveraging on open data to solve city challenges: A case study of Windhoek municipality, 3rd MEC International Conference on Big Data and Smart City (ICBDSC), IEEE,