Lehlohonolo Makoti

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Summary

"Man is made and unmade by himself. In the armory of thought he forges the weapons by which he destroys himself. He also fashions the tools with which he builds himself heavenly mansions of joy, strength and peace." - James Allen, As a man thinketh

Experience

Research Data Manager
Elizabeth Glaser Pediatric AIDS Foundation

Dec 2018 - Present (2 years +)

• Monitoring, evaluation, and implementation of data management standards within the Public Health Evaluation department.
• Formulation of data management techniques and controls for quality data collection to ensure adequacy, accuracy, and legitimacy of data.
• Development and Implementation of efficient and secure procedures for data management and analysis with attention to all technical aspects and ethical research principles.
• Establishment of rules and procedures for data sharing with upper management and external stakeholders.
• Development of technical reports and dashboards to inform research study progress updates.

Data Analytics Professional
Upwork

Jan 2020 - Present (11 months +)

• Mining data from primary and secondary sources, then reorganizing said data in a format that can be easily understood.
• Using statistical tools to interpret data sets, paying particular attention to trends and patterns that could be valuable for diagnostic and predictive analytics efforts.
• Collaborating with clients to identify opportunities for process improvements, recommend system modifications, and develop policies for data governance.
• Preparing reports to inform business decision making that effectively communicate trends, patterns, and predictions using relevant data.

Web Applications Developer
Computer Business Solutions

Apr 2017 - Dec 2018 (1 year 9 months)

• Development of software systems by designing, developing, and installing software solutions.
• Determining operational feasibility by evaluating system requirements versus the proposed solutions.
• Preparation of technical training manuals for system end-users & administrators.
• Project management role in projects using waterfall and agile methodologies (SCRUM).

Applications developer - Intern
Computer Business Solutions
Jun 2016 - Apr 2017 (11 months)

Junior IT technician (Volunteer)
Red Cross Youth

Jan 2011 - Aug 2015 (4 years 8 months)
• Installing and configuring hardware and software components to ensure usability.
• Troubleshooting and maintenance hardware and software issues.
• Ensuring electrical safety standards are met.
• Repairing or replacing damaged hardware.
• Upgrading the entire system to enable compatible software on all computers.

Education

Stellenbosch University
Postgraduate Diploma, Industrial Engineering, Data Science
2020 - 2022
This programme focuses on enabling students to develop innovative
optimization and machine learning techniques to produce novel, efficient and
robust data science technologies, for use in Industrial Engineering,
Engineering Management and related applications. Examples include Forecasting, Customer
segmentation, and targeted marketing, Production quality control, Supply chain performance prediction
and Process monitoring.

Cornell University
Certificate, Data Analytics
2019 - 2019
The three-tiered certification provides learning on statistical and scientific methods for data analysis
through hands-on exercises, the following courses make up the certification: Understanding and
Visualizing Data, Implementing Scientific Decision Making, and Using Predictive Data Analysis.

Certificate Link - https://github.com/LM411/certifications/blob/main/cornell_makoti.pdf

University of Cape Town
Certificate, Data Analysis
2018 - 2018
The certification focuses on these key areas of study data-driven decision-making, Research questions
for data analysis, Organising data in Microsoft Excel, Statistical analysis using Microsoft Excel,
Introduction to databases and SQL, Interpretation of outcomes, and Data presentation and visualization.

Certificate Link - https://github.com/LM411/certifications/blob/main/data_analysis_makoti.pdf

National University of Lesotho
Bachelor's degree, Bsc. Mathematics and Computer Science

This programme aims to give students a thorough understanding of both mathematics and computing to enable them to operate at the cutting edge of computer and data science, machine learning and artificial intelligence. Students have the flexibility to focus on the areas of computer science or artificial intelligence and related fields with the application of mathematics and computer science.

Licenses & Certifications

MTA: Database Fundamentals - Certified 2017 - Microsoft
G424-9729

ITIL Foundation certificate in IT Service Management - AXELOS Global Best Practice
04117839-01-34TS

PH125.2x: Data Science: R Basics - edX
d856de3fe14e42bc9064ac8a8c639591

PH125.2x: Data Science: Visualization - edX
c7e2ca67f25f4d57962bd0147c84cdd8

Research Ethics - FHI 360
Issued Dec 2018 - Expires Dec 2020

DAT207x: Analyzing and Visualizing Data with Power BI - Microsoft
eccfc7fcc4694bd2823128b32c706424

Big Data Modeling and Management Systems - UC San Diego
X643P2JQAQ3G

DAT249x: Ethics and Law in Data and Analytics - Microsoft
dcdfab3cd4e448778717bcc2585afabf

DAT248x Analytics Storytelling for Impact - Microsoft
762e2c4068104367b14b7b889bbb0e7f

Applied Data Analysis: Working in Organizations and Industries - Microsoft: DAT289x - Microsoft
30dc17a4fb1741f7b56fba191f4af9fe

Applied Data Analytics - Professional Certificate - Microsoft
6fbecc97089a403f88e1c3ebb3d437e7

Project Management for Development Professionals (PMD-Pro) - PM4NGOs
04281462-BL1D

Enterprise Big Data Professional - Big Data Framework
2000893206

Data Management Training Workshop - Elizabeth Glaser Pediatric AIDS Foundation

Tableau Desktop Specialist - Tableau Software
1020785

CommCare Application Building - Dimagi
765c09d3e9aa4bc987aa010566f7e81d

Data Science Fundamentals - Microsoft
a1b63d63f97f4714a6f343a85e92783d

Data Analytics Consulting Virtual Internship - KPMG US
jXhWX3J2yJP6ZHztc

Control Objectives for Information and Related Technology (COBIT2019) - ISACA
2020-1230441-C19F

Oracle Cloud Infrastructure 2020 Certified Associate - Oracle
274396654OCIBF2020-F

Oracle Autonomous Database Cloud 2019 Certified Specialist - Oracle
274396654OADB19

Microsoft Certified: Azure Fundamentals - Microsoft

Microsoft Certified: Data Analyst Associate - Microsoft
H496-1555

Lean Six Sigma Black Belt - GreyCampus
1960103000943

Microsoft Certified Trainer 2020-2021 - Microsoft

H558-9689

Skills

Data Analysis • Microsoft Excel • WordPress • Project Management • Database Administration • Software Development • Business Analysis • Software Development Life Cycle (SDLC) • Software Project Management • ITIL

Honors & Awards

Inclusive Finance Hackathon Winner - UNDP, Ministry of Finance Lesotho, FINMark, Meltwater, Vodacom & Econet

Jan 2017

Winner, LSIMM Hackathon on inclusive financial services on inclusive financial services (UNDP,Ministry of Finance Lesotho,FINMark,Meltwater, Vodacom & Econet)

Telecommunications Hackathon Co-Winner - Vodacom, Nedbank & Ministry of Trade

Jan 2014

Winner, Hackathon on industry challenges in Telecommunications (Vodacom, Nedbank & Ministry of Trade)