

LANGUTANI MATHONSI

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Objective

Highly skilled and versatile professional with a strong educational background in Mathematical Sciences, Computer Science, Database Management, and Statistics. Experienced in developing a Mathematics Mobile Game Application using PHP, HTML, CSS, and JavaScript. Proficient in programming languages, data analysis with Power BI, and possess a customer-centric mind-set. Seeking a role in data analysis, software development, or web development to contribute expertise and passion for teaching.

Education

Bachelor of Science in Mathematical Sciences

Sefako Makgatho Health Science University | January 2017 – March 2021

Relevant coursework:

- Computer Science: Strong skills in software development using Java and C++, including data structures and algorithms. Studied Artificial Intelligence concepts and their practical applications.
- Database Management: Proficiency in creating and maintaining databases using MySQL and PL (Programming Language). Learned concepts and techniques related to efficient database design, data modelling, and data manipulation.
- Mathematics: Acquired a strong foundation in mathematical principles, including linear algebra, complex analysis, abstract algebra, and mathematical analysis.
- Statistics: Developed skills in probability theory, hypothesis testing, statistical modelling, linear regression analysis, statistical inference, and the theory of distribution.

Final Year Project: Mathematics Mobile Game Application for Kids (Ages 3-6)

- Developed mobile app using PHP, HTML, CSS, JavaScript.
- Stored child data in a database for personalized learning experiences.
- Implemented gamification and intuitive interfaces for enhanced learning.

Certificate in Fundamental Data Analysis using Power BI Alison | May

2023

- Acquired in-depth knowledge and practical skills in creating data visualizations, building dashboards, and performing data analysis using Power BI.

Certificate in Teaching English as a Foreign Language Course (120 hours) |

Teacher Records | May 2023

- Completed comprehensive training in teaching English as a foreign language, enhancing communication and instructional skills.

Skills

- Web development using PHP, HTML, CSS, and JavaScript
- Project management and design
- Proficient in programming languages Python, SQL, Java, HTML CSS, and JavaScript
- Proficient in Microsoft Outlook, Excel, and PowerPoint
- Knowledge of Software Development Life Cycle
- Power BI dashboards, data modelling, and data visualization
- Data capture, data administration and administration
- Logical and critical thinking skills
- Teaching English as a foreign language
- Excellent interpersonal, oral, and written communication skills
- Strong negotiation skills and attention to detail
- Ability to gather insights, analyse data, and make informed decisions
- Customer-centric mind set and agile learner
- Effective teamwork and individual work abilities
- Leadership skills, time management, and work ethic
- Energetic, passion and commitment
- Willingness to learn, positive thinker

Experience

Graduate in Operations | MTN South Africa | April 2021 – March 2023

- Won the highly competitive MTN Global Graduate Program, displaying exceptional skills and potential.

- Developed and implemented the gaming data bundle packages solution, aimed at enhancing customer engagement and driving revenue.
- Developed and implemented gaming data bundle packages to enhance customer engagement and drive revenue.
- Collaborated with cross-functional teams for seamless integration and execution.
- Monitored the performance of the implemented project, analysed data, and provided insights for further improvements.
- Conducted research on new and existing products, analysing competitor activities and gathering insights through retail store visits.
- Contributed as a Social Media Strategist, developing effective strategies to enhance brand visibility and engagement.
- Prepared monthly sales reports for competitors and delivered detailed weekly reports and daily/weekly news reports to facilitate informed decision-making.
- Maintained the database, developed solution designs, conducted data analysis, and provided resolution reports to support effective problem solving.
- Demonstrated strong skills in sales presentations, sales development, and digital marketing.

Mathematics Tutor | Sefako Makgatho Health Sciences University | January 2019 – December 2019

- Provided tutoring services to first-year students, assisting them in grasping fundamental mathematical concepts and achieving academic success.
- Marked assignments and quizzes, invigilated tests and quizzes, and supported the lecturer in addressing student inquiries.
- Maintained a professional and supportive learning environment.
- Stayed up to date with the curriculum and changes in course materials.

Activities

- Active community volunteer, tutoring children in mathematics to foster a strong foundation for their future success.
- Passionate about reading books, expanding knowledge, and engaging in intellectual pursuits.
- Enthusiastic traveller, exploring new places, learning about different cultures, and broadening perspectives.
- Dedicated to giving back, regularly donating to charities and supporting initiatives that help others.