Russia Bethuel Moukangwe

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WORK EXPERIENCE

EXPLOREAI Cape Town South Africa

Data Engineer Intern
21 August 2023-present
Integrated Project

Department of Higher Education and training

Mathematics, Physical Sciences and Mathematics Literacy
Lecturer
Grade 12
02 February 2008 – Current

Umalusi Quality Council

Evaluator/subject specialist/team leader
15 January 2014   (Part time) - Current

University of Pretoria

Physics Tutor and Mentor
2005-2007

EDUCATION:

EXPLOREAI Academy, South Africa

Data Engineering Course
16 January 2023 - 30 Jul 2023.

University of Pretoria

BSc - Baccalaureus Scientiae (Physics)
2007 *partially completed*

BSc-University of South Africa

(Mathematics and applied mathematics)
2019-Nov

OBJECTIVE/SUMMARY:

What excites me most about company is your reputation for innovation and commitment to leveraging data to drive business growth. I am particularly impressed by your recent IT application development, which showcases your dedication to pushing the boundaries of data-driven decision-making.

SKILLS:

- Processing Big Data
- Python and SQL (Programming Languages)
- ELT/ETL Development
- Microsoft Power BI
- Team Leadership
- Analytical Skills
- Able to adapt to change
- Project Management

CORPORATE SKILLS:

- Building Statistical Models using Python, Pandas, NumPy, SAS.
- Building ETL data pipelines using Apache Spark and Power Bi.
- Designing data model on SQL.
- Building reports on SQL.
- Using data for insights and recommendations
- Data injection
- Data profiling
- Data quality
- Automated Data testing
- Process Documentation.
- Writing Business Documentation.
- Presentation Skills.
- Engaging with internal and external stakeholders.
- Team leading and actively playing my role within the broader team.

TECHNOLOGIES:

- SQL
- Power BI
- Python
- Microsoft Essentials (Excel, PowerPoint, Visio, OneNote and Word)
- MATLAB
- Docker
- Apache Airflow
- Data bricks
- pySQL
- pyspark
- Apache Spark
- Hive
- Hadoop
- AWS Services

CERTIFICATIONS & LICENSES:

University of South Africa

BSC Certificate
2012 -2019-fully completed