Russia Bethuel Moukangwe

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WORK EXPERIENCE:

EXPLOREAI Cape Town South

Data Engineer Intern 21 August 2023

Department of Higher Education and training

Mathematics, Physical Sciences grade 12

Maths literacy level 4

02 February 2008 – Current

Umalusi Quality Council

Evaluator/subject specialist/team leader15 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

Contactable references

Mr Clement Mphaka Sello

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Mr AS Taumang

CET D-Principal
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Tel: 010 900 1160 or 010 900 1154
Cell : 082 787 9534

Mr Khalo - Reneilwe

Community College

- Principal Reneilwe AET Centre
  - Tel: 012 801 1385
  - Cell :072 216 5930

Responsibilities

Mathematics Lecturer

Key duties include:

- **Planning and delivering lessons** on topics such as algebra, geometry, calculus, and statistics.
- **Assessing student progress** through tests, assignments, and class participation.
- **Customizing teaching methods** to accommodate different learning styles and abilities.
- **Incorporating technology** and interactive tools to enhance learning.
- **Collaborating** with other educators and administrators to align curriculum and instructional strategies.
- **Providing support** and additional resources for students who need extra help.

Physics Lecturer

Key duties include:

- **Designing and delivering lessons** on topics such as mechanics, thermodynamics, electromagnetism, optics, and quantum physics.
- **Demonstrating complex concepts** through experiments, simulations, and real-world examples.
- **Assessing student understanding** through tests, quizzes, projects, and practical lab work.
- **Encouraging critical thinking** and problem-solving by guiding students through scientific investigations.
- **Integrating technology** and modern teaching tools to enhance the learning experience