
CURRICULUM VITAE

IDENTIFICATION

NAME:Ntsane Emmanuel

SURNAME:.....' Mole

NATIONALITY:.....Mosotho

DATE OF BIRTH:.....18th April 1985

SEX:.....Male

LANGUAGE.....Sesotho/English

CONTACTS

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PERSONAL STATUS

MARITAL STATUS:.....Single

NUMBER OF KIDS:.....None

EDUCATIONAL PROGRESS

- PRIMARY SCHOOL :.....(1990 to 1996) S.T Patrick's Primary school (PSLE)
- SECONDARY AND HIGH SCHOOL :.....(1997 to 2001) Paul VI High school(JC & COSC)
- TETIARY (first degree):.....(2002 to 2007) National University Of Lesotho (Bachelor of electronics engineering- B.Eng Electronics)

SKILLS

- Communication and Networking skillsCCNA1
CCNA2
CCNA3
CCNA4
 - Programming skills.....C++
JAVA
VHDL
HTML
 - MATLAB, Latex
 - Database and management skills
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- Website design
 - Other skills.....Microsoft (word, excel, PowerPoint).Macromedia flash, Macromedia fireworks, freehand, Macromedia dreamweave
 - Software installation, PC upgrading, Repairing
 - Highly computer literate

RESEARCH WORK

Project (4th year) :Mobile Audio Gadgets

Project Overview

- Compression of both audio and video using both discrete Fourier transform and pulse code modulation
- Transmission over the internet
- Cost and bandwidth during transmission

Project (5th year) :Switch mode power supply (SMPS)

Project overview

- Designing an SMPS regulator stepping down 20 volts to 5 volts
- Aiming at the efficiency of 75% to 85 %

EXPERIENCE

1.I have been working with the Lesotho Electricity Cooperation for 6 months during the attachment session in the section of operations. The main duties were to ensure that consumers get electricity without any harm, I gained the knowledge of configuring the relays and maintenance of the breakers.

Again we had to ensure that there is proper communication between substations hence used some fiber optics for our connections.

2.I have been a tutor of maths and physics for the Bsc first years at National university of Lesotho.
