

TITOSSE MOISES FELIX

BACHELOR OF ENGINEERING (HONS) ELECTRICAL AND ELECTRONICS

PERSONAL INFORMATION:

PASSPORT : 12AB80824
NATIONALITY : MOZAMBICAN
LANGUAGE : ENGLISH & PORTUGUESE

CONTACT DETAIL:

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PERMANENT ADDRESS:

NHAMATANDA, BEIRA, SOFALA, MOZAMBIQUE

CURRENT ADDRESS:

UNIVERSITI TEKNOLOGI
PETRONAS,
BANDAR SERI ISKANDAR,
32610 TRONOH,
PERAK, MALAYSIA



To obtain an internship position starting from **04th September 2017 to 15th May 2018** in a company where I can be exposed to on-site work experience related to Electrical and Electronics Engineering in line with the company's goals.

EDUCATION TIMELINE

2015-PRESENT

UNIVERSITI TEKNOLOGI PETRONAS
BACHELOR OF ENGINEERING (HONS)
ELECTRICAL & ELECTRONICS
CGPA: 3.40; Expected: Jan 2019



2014

UNIVERSITI TEKNOLOGI PETRONAS (UTP), Malaysia
FOUNDATION PROGRAMME IN ENGINEERING
CGPA: 3.62

2012-2013

EDUARDO MONDLANE UNIVERSITY, Mozambique
ELECTRICAL ENGINEERING



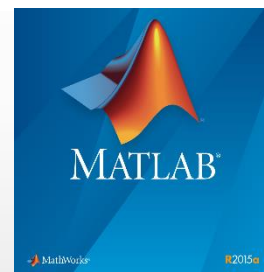
2007-2011

Namawanda General Secondary School, Mozambique
SCIENCE GROUP B WITH BIOLOGY

SOFTWARE SKILLS



Office



ubuntu



NATIONAL INSTRUMENTS
Multisim™

SKILLS

- Computer languages: General C/C++/ Python programming knowledge; MATLAB.
- Experience with ARM Cortex-M3(LPC 1768) development;
- Demonstrated excellent laboratory work and Circuit design in projects;
- Willingness to learn new skills, both technical and non-technical.
- Excellent organizational and time management skills

EXPERIENCE

- **TBEA SOLAR SDN BHD, part time, Ipoh, Malaysia** **3rd October 2016 to 6 January 2017**
 - Assisting in Solar Inverters maintenance for small house systems and commercial systems in the kilowatt range;
 - Assisting in computer booking system for TBEA Solar's Feed-in Tariff (FiT) system.
 - Ad hoc administrative duties.
- **Spark Manager at Students support and Counseling Unit** **September 2015 to present**
 - Motivated others students to join clubs of different nationality around the campus to be multicultural and well-rounded students.
 - Managed events for student's voluntary activities helping the poor in kampong areas.
 - Organized events to visit the Orphanage centers to meet their needs of mentally and physically disabled children.
- **Peer Tutor** (worked with a team of experienced students to tutor both individually and in groups subjects such as Mathematics, Circuitry Theory, Network Analysis, Analogue Electronics) **2014 to present.**
- **Indico Project for Mozambican students, in Malaysia** **December 2013-September 2015**
 - Communicated with sponsors representatives to obtain funds.
 - Negotiated with the speakers and convinced them to give talks to the students inside the campus.
- **Nymgo Reseller** (I did sell credit for international students inside the campus UTP) **2013-2015**
- **Manager of Computer Room Residence number 9** (Eduardo Mondlane University, Mozambique) controlled a room and supervised a group of 10 students in room filled with 20 computers. **2012-2013**

PERSONAL SKILLS & QUALITIES

- Demonstrate good team working capabilities.
- Strong interpersonal skills.
- Open minded and flexible in relation to the type of work assigned.
- Enthusiasm and focus on the achievement of goals.
- Adaptability and Independent.
- Ability to communicate including listening.
- Strong analytical skills.

LANGUAGE PROFICIENCY

Language	Written	Spoken
English	Excellent	Fluent
Portuguese	Excellent	Fluent
Spanish	Low	Low

MY STRENGTHS

Hard working
 Motivator
 Responsive
 Integrity and Honesty
 Emotional and persuasive
 Self-Starter

RELEVANT COURSES TAKEN

ELECTRICAL & ELECTRONIC ENGINEERING CORES		ENGINEERING CORES
<ul style="list-style-type: none">➤ Circuit Theory➤ Digital Electronics➤ Structured Programming & Interfacing➤ Network Analysis➤ Microelectronic Physics and Devices➤ Analogue Electronic➤ Microprocessor➤ Signal and System➤ Electromagnetic Theory➤ Communication System➤ Digital Signal Processing➤ Probability and Random Process➤ Introduction to Oil & Gas	Currently taking: <ul style="list-style-type: none">➤ Instrumentation & measurement➤ Data & Computer Network➤ Analogue Mixed-Signal System Lab➤ Microelectronic Circuits➤ Electrical Machines	<ul style="list-style-type: none">➤ Physics I and II➤ Chemistry I and II
	To be taken prior to Internship: <ul style="list-style-type: none">➤ Power Systems➤ Power Electronics➤ Control Systems➤ Engineering Team Project➤ Introduction to Management	ENGINEERING MATHEMATICS <ul style="list-style-type: none">➤ Pre-Calculus➤ Calculus➤ Ordinary Differential Equation➤ Vector Calculus➤ Computational Method
		CO-CURRICULUM
		<ul style="list-style-type: none">➤ Sport Science➤ Recreation & Adventure➤ Peer Group Counseling➤ Drama
MANAGEMENT AND HUMANITIES		LANGUAGE & SKILLS
<ul style="list-style-type: none">➤ Moral Studies➤ Health, Safety & Environment➤ Problem Solving and Decision Making		<ul style="list-style-type: none">➤ English I and II➤ Academic Writing➤ Thinking Skill➤ Professional Communication Skills.

PROJECT EXPERIENCES

Title of project	Course	Description
Animated LED Pattern (Mastermind Game)	Structured Programing & Interfacing	This project focuses were on programming with loops and conditionals included with the interfacing board as both the input data and the output indication on the LEDs.
A DC POWER SUPPLY (Half wave rectifier with fixed 9 volts)	Electrical Circuit Analysis Lab	Design of a DC Power supply with a fixed 9 volts, using a PCB board EAGLE and LTSPice.
Design and analysis of a digital filter	Digital Signal Processing	Design two different frequency selective filters that meet the given filter specifications using MATLAB's SPTOOL.
Digital Lock & Multimeter design	Microprocessor	Design a Digital lock using ARM Cortex-M3(LPC 1768). Design a multimeter using PIC 18F series microcontroller.