

Curriculum Vitae

BIOGRAPHICAL

NAME : MICHAEL NDERE

ID NO : 31749639

DATE OF BIRTH : 27TH JANUARY, 1995

TEL NO : 0706 134 706

EMAIL : michaelndere@gmail.com

GENDER : MALE

NATIONALITY : KENYAN

LANGUAGE : English and Kiswahili (both Spoken and Written)

EDUCATION

	ACADEMIC LEVEL	INSTITUTION	AREA OF STUDY	DATES	GRADING
1.	University (Undergraduate)	THE TECHNICAL UNIVERSITY OF KENYA	Bachelors of Technology in: Industrial and Applied Chemistry.	2013 - 2017	First Class Honours
2.	Secondary School	CHIANDA HIGH SCHOOL	Kenya Certificate of Secondary Education. (KCSE)	2009 - 2012	B+ (72/84)
3.	Primary School	NG'IYA MIXED PRIMARY SCHOOL	Kenya Certificate of Primary Education. (KCPE)	2001 - 2008	B+ (343/500)

PROFESSIONAL EXPERIENCE

DATES	Title	Sales Representative (East Africa) Water and Environmental Testing Services.
6th January 2020 to Date	Organization Name	Crop Nutrition Laboratory Services Ltd
	Address	Crop Nutrition Laboratory Services, Limuru, off Limuru road, P.O. Box 66437-00800 Nairobi – Kenya E-mail: support@cropnuts.com +254 711 094 444 +254 720 639 933
	Roles	<ol style="list-style-type: none">1. Sell accredited water & environmental analytical services within East Africa.2. Establishing regular sampling and analysis contracts with key clients.3. Submit applications for Water & Environmental services tenders /projects.4. Advising customers on water treatment and associated environmental solutions.5. Developing a network of water testing sales agents/ distribution channels.6. Maintaining close collaboration with NEMA and registered NEMA agents.7. Building business partnerships within the EIA companies and consultants, hotels, lodges, engineering, petroleum, mining, NGO, government, county sectors and related businesses8. Building close relationship with our laboratory team, understanding water & environmental testing
	Supervisor Name/Telephone	THE Technical Director Miss. Ruth Vaughan 0723 786 004

DATES	Title	Chemist & Sales Executive
19TH November 2018 to January 2nd 2020 (1 Year 2 Months)	Organization Name	SpenoMatic Labs & Chemicals
	Address	P. O. Box 39935 - 00623, Parklands, Nairobi, Kenya Tel.: +254-20-2623232, +254-715-447 611, +254-736-447 775 Telefax: +254-20-2622644 E-mail: info@spenomatic.net
	Roles	Utility Aftercare and Chemical Sales: (a) Reverse Osmosis (R.O) Plant 1. Inlet, outlet and Reject Water Quality Tests. 2. CIP and Offline membrane cleaning. 3. Raw water and R.O plant water treatment. (b) Industrial Boilers 1. Boiler descaling. 2. Boiler Water Treatment -Corrosion and Scaling Inhibitor ,pH boosters, Sludge Conditioner and Oxygen Scavenger. 3. Feed water, Blowdown and Steam analysis. 4. Boiler Fuel Additives dosing. (c) Cooling Towers 1. Inlet, Blowdown and Recirculating Water analysis. 2. Descaling and Passivation. 3. Online water Treatment. (d) Water Analysis PH, Conductivity, TDS, Total Hardness, Silica, Phosphates, Chlorides and Alkalinity (P and M alkalinity) Technical Advisory on Boilers, RO plants and Cooling Towers purchases and aftercare
	Supervisor Name/Telephone	THE CHEMICAL ENGINEER MR. GANESH 0742 373 561/0754 538 438

DATES	Title	Quality Control Analyst
17th August 2017 to 16th November 2018 (1 yr 4 Months)	Organization Name	Laboratory and Allied Pharmaceuticals (Human and Vet)
	Address	P.O Box 42875 GPO-00100 Nairobi, Kenya Tell: 020-8040306, 020-8029896 020 2337478, 020-8029485 Fax: 020- 8040309 Email: info@laballied.com
	Roles	<p>HPLC Analysis</p> <ol style="list-style-type: none"> 1. Drug Assays 2. Standards verification/ Potency Tests 3. Raw Material Assays <p>Raw Material Identification And Tests</p> <ol style="list-style-type: none"> 1. FTIR Identification tests. 2. Melting Point 3. Water Content using Karl Fisher Titrator 4. Heavy Metal Tests 5. Chlorides, Sulphates and Bromide Tests <p>Classical Analytical Tests</p> <ol style="list-style-type: none"> 1. Titrimetric Assays 2. Sulphated Ash, Total Ash and Ash Content 3. Loss on Drying <p>Physical Drug Tests</p> <ol style="list-style-type: none"> 1. Hardness 2. Friability 3. Thickness and Diameter 4. Relative density 5. Disintegration Test 6. pH and Conductivity Tests
	Supervisor Name/Telephone	THE QUALITY CONTROL MANAGER MR. MAGHANGA, NEVILLE KIUNGU 0738-080-760

Dates	Title	Intern
27th June 2017 to 25th August 2017. (2 Months)	Organization Name	MINISTRY OF MINING- GEOLOGICAL AND MINES DEPARTMENT
	Address	P.O. BOX 30009- 00100 NAIROBI KENYA
	Roles	Sample Preparations Sample Coding, drying, crushing and weighing. Quantitative analysis of Elemental Composition <ol style="list-style-type: none"> 1. XRF 2. AAS 3. UV-Vis Spectrophotometer 4. Titrimetric determination of Ions in Water Calorific Value determination using a Bomb Calorimeter.
	Supervisor Name/Telephone	Ag PRINCIPAL CHEMIST MR. MWANGI EDWARD. 0722-293-175

Dates	Title	Intern
9th May to 12th August, 2016. (3 months)	Organization Name	UNITED STATES INTERNATIONAL UNIVERSITY-AFRICA (USIU-Africa)
	Address	P.O BOX 14634-00800 NAIROBI, KENYA. TEL: 254-20-3606000 EMAIL: info@usiu.ac.ke
	Roles	<ol style="list-style-type: none"> 1. Setting up inorganic and biochemistry practical classes. 2. Assisting students in inorganic and biochemistry practical. 3. Maintenance and upkeep of the laboratory inventory. 4. Assisting technicians in preparation of laboratory reagents. 5. Management of laboratory wastes and waste disposal.
	Supervisor Name/Telephone	THE SENIOR TECHNICIAN, ODHIAMBO, KEVIN WERE. 0722-690-239

WORKSHOPS AND TRAININGS

Date(s) 7TH February, 2015.	Title	INTERLECTUAL PROPERTY WORKSHOP THEME: “Culture of Innovation and Intellectual Property Management”
	Sponsor & Address	TECHNICAL UNIVERSITY OF KENYA SCIENCE AND TECHNOLOGY STUDENTS ASSOCIATION (STSA)
	Presenters	KENYA INTELLECTUAL PROPERTY INSTITUTE (KIPI) NATIONAL COMMISSION FOR SCIENCE TECHNOLOGY AND INOVATION (NACOSTI)

Date(s) 5th June to 5th August,2017 3 Month Annual Competition	Title	NSE Investment Challenge 2017 Objective: Train the Youth on Investing in the Financial Markets
	Sponsor & Address	Nairobi Securities Exchange (NSE) Smart Youth Financial Education
	Presenters	Nairobi Securities Exchange (NSE) Smart Youth Financial Education Online Community on Virtual Trading Platform

CORE CURRICULAR ACTIVITIES

Leadership.

- 2011-2012 : **School Captain**, Chianda High School.
- 2015-2016 : **Class Representative**, Technical University of Kenya.
- 2015-2016 : **Founder and Project Coordinator**, Chemical Technology Students Association, Technical University of Kenya (CHETSA-TUK).

Science Congress.

- 2011 : **Position 2** in Computer Talk, 49th **National Science Congress**, Bungoma High School, 9th -11th June 2011.
- 2012 : **Position 1** in ICT Talk, **Nyanza Province** the 50th Secondary Students' Congress on Science and Technology, 16th – 19th May 2012.

INTERESTS/HOBBIES.

Reading, writing and presenting.

REFERENCES.

Mr. Odhiambo, Kevin Were.

**Senior Technician, Analytical Chemistry
Department USIU.**

EMAIL: odhiambok@usiu.com

TEL: 0722-690-239

Mr. Mwangi Edward.

**Ag. Principal Chemist,
Ministry of Mining- Geological and Mines
Department.**

TEL: 0722-293-175

Mr. Maghanga, Neville Kiungu.

**The Quality Control Manager,
Laboratory And Allied Pharmaceuticals.**

TEL: 0738-080-760

Mr. Ganesh Krishnan.

**The Chemical Engineer/Head Of Sales,
Spenomatic Labs & Chemicals Ltd.**

EMAIL: ganesh@spenomatic.net

TEL: 0742 373 561/0754 538 438

Miss. Ruth Vaughan

**The Technical Director,
Crop Nutrition Laboratory Services Ltd.**

EMAIL: ruth.vaughan@cropnuts.com

TEL: 0723 786 004