



1/7/2021

Evans K. Ndung'u

Resume and Academic Qualifications.

WEBSITE: <https://evanskaranja.github.io/portfolio/>



P.O BOX 14, KINDARUMA.

CURRICULUM VITAE

EVANS KARANJA NDUNG'U

E-mail: evanskndungu@gmail.com

Website: <https://evanskaranja.github.io/portfolio/>

LinkedIn: [Evans Karanja](#)

Github: [EvansKaranja](#)

Cell Phone: 0740420848

Religion: Christian

Languages: English and Kiswahili (written and spoken)

PROFILE SUMMARY

I am an astute, diligent, hardworking and self-driven person with an intricate zeal in geospatial technology and willingness to learn new things. In addition, I am self-motivated and work under minimal supervision to achieve the goals set before me. I really enjoy working in a dedicated and dynamic environment that aims for high performance geospatial solutions for modern day problems.

EDUCATION AND PROFESSIONAL QUALIFICATIONS

2016-To Date **Jomo Kenyatta University of Agriculture and Technology**

- Bachelor of Science in Geospatial Information Science => Completed Coursework

2012-2015 **Siakago Boys High School**

- KCSE - Total points: 81 => A
- Distinction
- K.C.P.E – 317 (B-)

KEY SKILLS AND COMPETENCIES ACQUIRED

- **Land Surveying/ Field Data observation:** Using GNSS, total station, theodolite and level
- **Cartographic skills and GIS spatial Analysis / Spatial Data Science** in ArcGIS suite (ArcGIS Pro, Arcmap and AGOL), Qgis and Python notebooks.
- **Remote Sensing Skills:** Entailing data acquisition, image Pre and Post processing and digital image analysis.
- **Programming Skills:** in python, Java Script, SQL, R, HTML and CSS.
- **Web Development** using Django/ GeoDjango, Google maps API, React Js and Leaflet JS.
- **Data Entry and Database Management:** Data management in Microsoft office suite and in SQL databases.
- **I.T Competent:** I am proficient in windows and Linux (Ubuntu) operating system, software installation and system updates.
- **Good Communications and Interpersonal skills:** Good command of English and Swahili language and ability to relate well with all colleagues.

WORK EXPERIENCE

Surveyor and Cartographer Attachee.

Ministry of Lands and Physical Planning, Survey Department, Ruaraka; 4th August 2019 to 4th October 2019.

Duties

-
- Cadastral file compilation and Cadastral survey quality control/checking.
 - Preparation of subdivision scheme plans using AutoCAD
 - Data Collection using Total station and RTK.
 - GNSS – RTK and Static operation and observation.
 - Quality control of Topographic survey.
 - Vectorization of raster data by bearing and distances and direct Vectorization using coordinates
 - Cartographic map design in Arc map.
 - PID's scanning using drum scanner, Georeferencing and map digitization in Arcmap.
-

Land Surveyor Attachee.

Jomo Kenyatta University of Agriculture and Technology

5th August 2018 to 6th October 2018.

Duties

-
- Topographic Surveying using total station.
 - Control Point Network extension using theodolite and tape measure
 - Cross-section and profile levelling using dumpy level.
-

CERTIFICATION

- [Spatial Data Science: The New Frontier in Analytics](#) by Esri.
- [Technical Support Fundamentals](#) by Google.
- [Programming for Everybody \(Getting Started with Python\)](#) by University of MICHIGAN.

VOLUNTEERISM

- Participated at Kenya Red Cross Mapathon to map buildings in Narok County to update the Open Street Map coverage for disaster management for communities at risk.
- Took part in different walks to help raise funds for numerous causes.

REFEREES

Lecture

George Watene

Jomo Kenyatta University of Agriculture and Technology

gchege@jkuat.ac.ke

+254715795345

Surveyor

Bernard Munyao

Survey of Kenya

Benarm153@gmail.com

+254722243478

Geospatial Data Manager

Ephraim k. Wanjohi.

Survey of Kenya

Ephwanjohi76@gmail.com

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MINISTRY OF LANDS AND PHYSICAL PLANNING

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When replying please quote:

Ardhi House
1st Ngong Avenue
P.O.BOX 30450-00100
NAIROBI, KENYA

REF: Ref: MOLPP/ADM/HRD/10/12 VOL.13 (50)

Date: 11th October 2019

TO WHOM IT MAY CONCERN

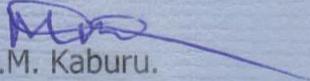
RECOMMENDATION – EVANS KARANJA NDUNGU. ID.NO. 34425869

The above named was on attachment in this Ministry from 4th August to 4th October 2019 in the Surveys Department, Ruaraka and he has been cleared.

He was acquainted to the following tasks:

- Cadastral file compilation and Cadastral survey quality control/checking.
- Preparation of subdivision scheme plans using AutoCAD.
- GNSS, RTK and Static operations and observation.
- Data collection using both Total Station and RTK.
- Data transfer Import/export, editing and setting data parameter for post processing.
- Scanned PIDs using drum scanner.
- Vectorization of raster data by bearing and distances and direct vectorization using coordinates.
- Georeferencing and Digitization of Maps.
- Map design; map legend, title, North arrow and overall presentation of map work in ArcMap
- Quality control of Topographic Survey
- KMZ/KLM shapefiles overlay on Google Earth

He performed his duties effectively and efficiently with minimal supervision. I therefore, have no objection in recommending him for relevant and appropriate assignment.


L.M. Kaburu.

FOR: CABINET SECRETARY



264128

**JOMO KENYATTA UNIVERSITY
OF
AGRICULTURE AND TECHNOLOGY**

UNDERGRADUATE ACADEMIC TRANSCRIPT*

Name of Student:	NDUNGU	EVANS KARANJA	Registration No.	ENC222-0343/2016
Surname		Other Names		
Faculty:	School of Civil Environmental and Geospatial Engineering			
Course:	BSc. Geospatial Information Science			
Date of Admission:	September 2016		Academic Year:	2018/2019
Year of Study	Third			

UNIT CODE	TITLE OF UNIT	UNIT(S)	GRADE
EGS 2301	Remote Sensing II	1	A
EGS 2302	GIS Programming	1	A
EGS 2303	Engineering Surveying I	1	B
EGS 2304	Microwave Remote Sensing	1	B
EGS 2305	Water Resources and Management	1	B
EGS 2306	Web Mapping	1	A
EGS 2307	Transportation Planning	1	C
EGS 2308	Digital Mapping	1	B
EGS 2309	GIS Database Systems	1	B
EGS 2310	GIS Spatial Analysis	1	B
EGS 2311	Digital image Analysis I	1	B
EGS 2312	Urban and Regional Planning	1	B
BCM 2334	Principles of Kenyan Law	1	A
SMA 2370	Calculus IV	1	C
SMA 2373	Numerical Methods	1	D
BCM 2439	Real Property Law	1	D

Recommendation

PASS: Proceed to Fourth Year of Study

Key to Grading System

A = 70 - 100 % -Excellent

B = 60 -69 % -Good

C = 50 - 59% -Satisfactory

D = 40 - 49 % -Pass

E = 39% and below -Fail

NB: 1 Unit consists of 35 lecture hours equivalent:

(3 Practical hours of 2 tutorial hours are equivalent to 1 lecture hour)

Signed:

Dean, SCEGE JOMO KENYATTA UNIVERSITY OF
AGRICULTURE & TECHNOLOGY

Date Issued:

Signed

Registrar

Date Issued



* This transcript is issued without any erasures or alterations.

9742

EC/IT/10165/16



EMBU COLLEGE

CERTIFICATE OF TRAINING

This is to certify that

EVANS KARANJA NDUNG'U

has successfully undergone training in

Computer Applications

and obtained a

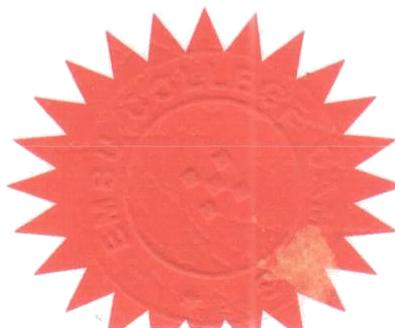
DISTINCTION

And is hereby, in recognition, awarded this certificate without erasure, defacing or alteration

whatsoever on

22nd August 2016

HOD IT Department



Principal

The Kenya National Examinations Council



KENYA CERTIFICATE OF SECONDARY EDUCATION

This is to certify that the candidate named below sat for the Kenya Certificate of Secondary Education examination in the subjects shown and attained the grades indicated.



14312101/011

NAME: NDUNGU EVANS KARANJA
SIAKAGO BOYS HIGH SCHOOL

M1 14312101/011

SUBJECT	GRADE
ENGLISH	B+ (PLUS)
KISWAHILI	A
MATHEMATICS	A
BIOLOGY	(MINUS)
PHYSICS	A
CHEMISTRY	(MINUS)
GEOGRAPHY	A
BUSINESS STUDIES	A



SUBJECTS NAMED EIGHT MEAN GRADE A

EXAMINATION OF YEAR 2015

PRINTED : 161013:22183332

Chief Executive Officer

Kenya National Examinations Council



Chairman
Kenya National Examinations Council

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The Kenya National Examinations Council



KENYA CERTIFICATE OF PRIMARY EDUCATION

KCPE

This is to certify that the candidate named below sat for the **Kenya Certificate of Primary Education** examination and qualified for the award of this certificate. The candidate attained the subject grades shown below.

NAME: NDUNGU EVANS KARANJA
SCHOOL: SEVEN FORKS

341117/028
341117

ENGLISH LANGUAGE
KISWAHILI
MATHEMATICS
SCIENCE
SOCIAL STUDIES AND RELIGIOUS EDUCATION

GRADE
B- (MINUS)
C (PLAIN)
B- (MINUS)
B (PLAIN)
B (PLAIN)

EXAMINATION OF 2011
PRINTED : 120806 : 13480316




Secretary
Kenya National Examinations Council


Chairman
Kenya National Examinations Council

This certificate was issued without any alteration whatsoever. See overleaf for grades and mark intervals.

KCPE /11 0272055



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