

CURRICULUM VITAE

BIODATA

NAME: **KWAMBAI VITALIS KIMUTAI**
DATE OF BIRTH: **04.09.1995**
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PROFILE SUMMARY

I am a research scientist with high ambition in the field of statistics and related analytical sciences. In statistics, I have hands on knowledge and practical expertise training in sampling techniques, data collection, analysis, test of hypotheses, and giving interpretations to results and their implications. I excel in designing effective quantitative and qualitative survey instruments. I also have computer knowledge related to the above-mentioned tasks. Some of the skills I have acquired in the course of my work engagements include; qualitative and quantitative research and analytical skills, report writing, data analysis and interpretation. I am currently undertaking a Masters of Science in Applied Statistics at Maseno University.

EDUCATIONAL BACKGROUND

UNIVERSITY EDUCATION.

POSTGRADUATE STUDIES

➤ **Maseno University** P.O Box 333, Maseno
Masters of Science (Applied Statistics) From 2019 – **Currently Undertaking.**

UNDERGRADUATE STUDIES

➤ **Maseno University** P.O Box 333, Maseno
Bachelor of Science. (First Class Honours) in Applied Statistics with IT in the year 2018.

SECONDARY EDUCATION

Chebara Boys High School P.O BOX 32 Chebiemit. **K.S.C.E Mean Grade (B+)** certificate attained in 2013.

PRIMARY EDUCATION

Chugor Primary School P.O Box 122-30705, Kapsowar. **K.C.P.E Marks (372)** certificate attained in 2009

COMPUTER LITERACY.

- Data management, Ms. Office Packages Database software and Statistical software such as SPSS, R, STATA, TexMaker software.

KEY SKILLS AND COMPETENCIES

- **Research Skills:** Being a keen to detail research analyst, I successfully designed effective quantitative and qualitative survey instruments and data collection using Survey Solutions system, KOBOLLECT, ODK, CSPro and coordinated all activities associated with survey development including research, formatting, liaising with survey programming teams, analyzing, summarizing and presenting results
- **Qualitative and Quantitative Analysis:** Experienced in data documentation and analysis for trends and opinions and numerical data to provide insights into the problems or help to develop ideas or hypotheses for potential and formulate facts and uncover patterns in research
- **Forecasting-** Experienced in making predictions on different patterns or trends in an attempt to cope with uncertainty of the future relying mainly on data from the past and present and analysis of trends.
- **Database Management:** Acquired expertise and experience in managing databases that included; Experience in data extraction, cleaning, validation and data transformation and Data Exploration Techniques while maintaining data integrity
- **Report Writing:** Proficient in providing customized reports using Texmaker software, highlighting main findings and key points, and effectively communicating the results to the end-user both orally and in writing.
- **ICT Skills:** I am proficient in the use of Microsoft suite, R, SPSS, STATA CSPro and Texmaker, Database programming designing MS Access database.
- **Technical and Soft skills:** Time management, keen attention to details, own initiative to team work, person of integrity, critical thinking, organizing, interpersonal and communication skills.

WORK HISTORY.

ELDORET WATER AND SANITATION COMPANY

Registry Department (Attachee) From May to July, 2018

Duties and Responsibilities

- Receiving, recording and creating new files of application forms
- Preparing registry monthly reports
- File tracking
- Scanning new application forms
- Retrieval of customers files
- Sulis and Maji voice software management

OTHER EXPERIENCES

Teacher – Kapachelaga Mixed Day Secondary (Mathematics)

LEADERSHIP AND RESPONSIBILITIES HELD

Dorm Secretary (Chebara Boys, 2012)

Mentee (Wings to Fly, 2015)

Masters Class Representative Coordinator (Maseno University, Currently)

Final Year Project: Influence of digital marketing on the performance of SMEs in Maseno Region

Involved research on the influence of digital marketing on the performance of small and medium enterprises (SMEs) in Maseno Region. Kobo Collect tool was used to design the questionnaires and collect data using smart phones. R Studio was used for analysis and TexMaker used to prepare the research report and utilized the BIMA facility in Texmaker to prepare the presentation slides

Project Supervisor: Dr. Edgar Ouko Otumba

Senior Lecturer, Maseno University

Department of Applied Statistics and Actuarial Science

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Year Three Group Project: Opinion poll on preferred presidential candidate for 2017 Elections

Involved conducting an opinion poll regarding the preferred candidates for presidential seat in the 2017 General Elections in Kenya. MS Excel was used to design the questionnaires, uploaded to the ODK server, and smart phones with the ODK application installed were used to collect the data. SPSS was used for analysis.

Second Year Group Project: The prevalence of Malaria in Maseno University

This research involved evaluating the malaria prevalence in the University. CSPro was used to design the questionnaires. Data entry was done in the same software and exported to MS Excel for analysis.

AMBITION.

To attain a Masters in Statistics and formulate new theories in Statistics.

HOBBIES

I enjoy listening to music, watching athletics and surfing the internet. I also like travelling and keeping informed of current scientific and economic affairs.

REFEREES:

1. Dr. Omurundo JK
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3. Dr Joyce Otieno Akinyi
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