**CURICULUM VITAE**

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**PERSONAL INFORMATION**

Name Daniel Osieko Okach

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E- Mail [kosieko@gmail.com](mailto:kosieko@gmail.com)

Nationality Kenyan

Date of birth 18th March, 1983

Gender Male

**CAREER OBJECTIVE**

To gain an entry level into a reputable organization where my professional qualification and experience in Botany are critical for performance of my duties towards the achievement of the organizations aims and where employee motivation and development are upheld.

**WORK EXPERIENCE**

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| Date | Organization | Title | Responsibilities |
| 1st April, 2015 to 31st March 2018 | University of Bayreuth and DAAD | PhD Student | Conduction of research on the impacts of precipitation and land use patterns on the structure and function of the savanna herbaceous layer, Lambwe Valley-Kenya. |
| January 2014 to April 2014 | Kenyatta University | Part-Time Lecturer | 1. Teaching Botany Courses. 2. Setting, moderation, administration of examination. 3. Conduction of practicals and demonstartions. |
| 1st Jan 2012 to date | MASENO UNIVERSITY-NYS, RUMA NATIONAL PARK CARBON SEQUESTRATION PROJECT. | Research Assistant | 1. Collection of monthly data on ecological parameters being tested  2. Ensuring safe custody of the projects equipments  3. Data management  4. Monitoring trends on species composition |
| 1/3/2010-3/5/2012 | ST. GEORGES SEC SCHOOL  P.O. Box 66  DARAJA MBILI- KISUMU  +254 722 994 388 | Assistant teacher | 1.Teaching of Biology and Chemistry  2. Annual planning of curriculum activities within the school  3. Designing teaching materials and aids  4. Setting , administration and marking of examinations  5. Preparation of students for Science congress and symposia |
| 2/5/2007-3/9/2009 | CHEPTIRET SEC SCHOOL  P.O. Box 1390  ELDORET  +254 722 689 675 | Assistant teacher | 1.Teaching of Biology and Chemistry  2. Annual planning of curriculum activities within the school.  3. Designing teaching materials and aids  4. Setting , administration and marking of examinations  5. Preparation of students for Science congress and symposia |

**EDUCATION AND TRAINING**

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| Dates | Title of qualification | Principal subjects | Name of Institution |
| 12/9/2008-16/12/2012 | Master of Science (Botany)- Plant Taxonomy and Economic Botany | Plant systematics  Plant Ecology  Biological Control  Biometry  Methods in Botany | Maseno University- Kenya |
| 28/2/2012-2/3/2012 | Certificate of Training | Research Design  Statistics in research  Research methods | Tropical Biology Association |
| 8/9/2003-2/11/2007 | Bachelor of Education Science(Biology and Chemistry)  2nd Upper Division | Botany  Zoology  Chemistry | Maseno University- Kenya |
| 12/5/2006-18/11/2006 | Certificate of Completion | Computer packages  Software installations  Computer maintainance | Maseno Information Technology Centre- Kenya |
| 10/2/1998-15/11/2001 | Kenya Certificate of Secondary Education  B-Plain | Biology, Chemistry, Math, Agriculture, English, Georgraphy, History, Kiswahili | Nyabondo High School- Kenya |
| 1/1990-17/11/1997 | Kenya Certificate of Primary Education  B-Plain | Mathematics, GHC, Art and Craft, Kiswahili, Home science, English, Science, | Maseno Mixed Primary School- Kenya |

**RESEARCH INTERESTS**

Biodiversity conservation

Climate change

Biosystematics

**RESEARCH FUND RECEIVED**

**IFS fund -2013** to undertake research on “The future status of ecosystem production and biodiversity of herbaceous layer community of the humid savanna in the Lambwe Valley-Kenya”.

**MEMBERSIP TO PROFESSIONAL BODIES**

Member; East African Ecological Society.

**PERSONAL SKILLS AND COMPETENCE**

Am fluent in Swahili and English and can write and read them without any difficulty.

I have the ability to work effectively, both as a team leader and a team player.

Am self driven and able to work with very minimal supervision.

I am quite flexible and adapted to work in any kind of challenging environment that my job may require.

Am an organized individual who works in adherence to strict deadlines that may be provided as a way of boosting my productivity.

I am competent in computer operations, and can handle with ease most of the Ms office applications.

**PUBLICATIONS**

Okach, D.O., Nyunja, R.O. and Opande, G. (2013). Phytochemical screening of some wild Lamiaceae and their role in traditional medicine in Uriri District-Kenya. International Journal of Herbal Medicine, 1(5):135-143.

Okach,D.O. (2012). Phytochemical and mineral analysis of wild Lamiaceae and their role in traditional medicine in Uriri District- Kenya. Msc. Thesis submitted to the School of Graduate Studies- Maseno University.

**REFEREES**

Professor Onyango JC,

Department of Botany,

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