



Ooko Silas

Curriculum Vitae

Personal Information

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Objective

Looking for a challenging prospect to get more learning opportunities in a reputed organization, where I will be able to utilize my knowledge and skills to achieve better results for the organization as well as to develop my career.

Education

- 2018–2022 **B.Sc. (Bachelor of Science) in Applied Statistics with Computing**, *Maasai Mara University-Kenya (MMU-K)*, Narok, Kenya.
- 2013–2016 **Kenya Certificate Of Secondary Education (KCSE)**, *St. Aloysius Gonzaga Secondary School*, Langata-Otiende.
- 2005–2012 **Kenya Certificate Of Primary Education (KCPE)**, *Ramunde Primary School*, Siaya-Kenya.

Technical skills

language
Programming C++,Gretl,Python,R software, Survey solutions

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| Scripting | JavaScript(jQuery) |
| Markup | LATEX, HTML |
| Style Sheet | CSS |
| Databases | MySQL, Oracle |
| Data Analysis | CSPRO, SPSS, STATA, Excel, Python, Minitab |
| Data Visualisation | QGIS, Tableau, SAGA software |

Works Experience

Jan–Date **Mirror Of Hope** , *Nairobi-Kenya, Data Scientist-Intern.*

Roles and Duties

- ↪ forecast consumption, earnings, cash flow, and book value.
- ↪ Helping in understanding a country's financial state and measuring economic growth.
- ↪ Analyzing, evaluating, and summarizing large volumes of data into a mathematical form that is useful.
- ↪ Preparing statistical reports
- ↪ Questionnaire programming with Survey Solutions

Jan 2021–
April 2021 **Kenya National Bureau Of Statistics (KNBS)**, *Nairobi-Kenya, Attachee.*

Roles and Duties

- ↪ Administering questionnaires
- ↪ Research assistant in 2021 economic survey
- ↪ Collection of data in the field
- ↪ Data cleaning and validation
- ↪ Preparing dashboards in tableau and Power BI
- ↪ Data entry program creation with CSPRO
- ↪ Data analysis with STATA, Excel, SPSS, R, CSPRO and Python
- ↪ Data visualization using Tableau, QGIS, Power BI and SAGA softwares
- ↪ Report writing
- ↪ Database creation with MS Access
- ↪ Conducting surveys using the KoboCollect and Interviewer applications
- ↪ Creating Google survey forms

Jan 2018–Dec
2020 **Mirror Of Hope** , *Nairobi-Kenya, Volunteer Research Assistant.*

Roles and Duties

- ↪ helping senior management make tactical and strategic decisions by providing periodic reports
- ↪ Research assistant in 2021 economic survey
- ↪ Collection of data in the field

↔ Data cleaning and validation
↔ Questionnaire programming with Survey Solutions
Aug–Sept 2019 **Kenya National Bureau Of Statistics, Nairobi-Kenya, Enumerator.**

Roles and Duties

↔ Conducting interviews in given households
↔ Synchronizing data to the main server
Jan–June 2017 **Spurgeons Academy, Nairobi-Kenya, B.o.G. Teacher.**

Roles and Duties

↔ Teaching Mathematics, Science and English
↔ Ensuring discipline among pupils
↔ Supervising examinations
↔ Marking exam scripts

Publications

Jan 2022 **Outlier Detection Technique for Uni-variate Normal Data-sets,**
<http://www.ajtas.org/article/146/10.11648.j.ajtas.20221101.11> .

Awards and owners

March 2021 **Zindi Africa, Hackathon, Modeller, Certificate of Merit.**
Sept–Oct 2020 **Gearbox KCB Foundation, Problem solving skills, Certificate of Merit.**

Interests

- Programing - Chess

References

Dr. Edgar Ouko Otumba.

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