



# Ooko Silas

## Curriculum Vitae

### Personal Information

Birthdate 30th April,1997  
Nationality Kenyan  
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GitHub <https://github.com/OOKOWUOR>  
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Portfolio <https://silas-owuor-ooko.netlify.app/>

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

## Works Experience

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

### Roles and Duties

- ↪ Data analysis using R-software
- ↪ forecast consumption, earnings, cash flow, and book value.
- ↪ Analyzing, evaluating, and summarizing large volumes of data into a mathematical form that is useful.
- ↪ Preparing statistical reports
- ↪ Questionnaire programming with Survey Solutions
- ↪ Data cleaning and validation
- ↪ Preparing dashboards in tableau and Power BI
- ↪ Data entry program creation with CPro
- ↪ Data analysis with SAS, Epi Data, STATA, Excel, SPSS, R, CPro and Python
- ↪ Data visualization using Tableau, QGIS, Power BI and SAGA softwares
- ↪ Database creation with MS Access
- ↪ Conducting surveys using the KoboCollect, Survey CTO, ODK and Interviewer applications

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

### 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 CPro
- ↪ Data analysis with STATA, Excel, SPSS, R, CPro 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

### 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

#### Okoth Brian Brayton.

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 d.light Kenya  
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#### Mr. Benson Muroki.

Statistical Officer  
 Kenya National Bureau of Statistics  
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**Mr. Troon Benedict.**

Senior Adjunct Lecturer Maasai Mara University(Under Graduate Program)

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