

SILAS OCHIENG FINAL-YEAR DATA SCIENCE STUDENT RESUME

1. CONTACT INFORMATION

- SILAS OCHIENG
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 - <https://github.com/Silas-ochieng>
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2. PROFESSIONAL SUMMARY

Detail-oriented fourth-year Data Science student with strong skills in statistical modeling, machine learning, and data visualization. Passionate about leveraging data-driven insights to solve real-world problems in health research and beyond. Experienced in Python, R, and SQL with a proven ability to manage and analyze large datasets."

3. EDUCATION

- **Degree:** Bachelor of Science in Data Science
 - **University:** Meru University of Science and Technology
 - **Expected Graduation Date:** October, 2024
 - **Relevant Coursework:** Machine Learning, Data Visualization, Statistical Analysis, Big Data Management
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4. SKILLS

- **Technical Skills:** Python, R, SQL, Excel, Tableau, Power BI, Altair
 - **Machine Learning:** Regression, Classification, Clustering, Time-Series Analysis
 - **Data Analysis:** Data Cleaning, Statistical Modeling, Feature Engineering
 - **Tools & Platforms:** Jupiter Notebook, Google Colab, Git, APIs
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5. PROJECTS

A model on precision agriculture

Implemented a classification machine Learning Model with an accuracy of 97% as F1 SCORE.

<https://github.com/Silas-ochieng>

- **Visual analysis of ocean microbiome**
 - Clean and preprocess data for visual analysis
 - Created an interactive dashboard with visual appealing insights

Crop disease detection utilizing neural network

- Made use of TensorFlow to come up with object detection algorithm to help identify crop image disease
- <https://github.com/Silas-ochieng>

6. WORK EXPERIENCE

- Was previously attached to department of blue economy, mining and digital economy at Homa-Bay County government.
- Gained hand on experience on problem solving, communication, team work collaboration and time management

7. EXTRACURRICULAR ACTIVITIES

- Member of the university's Data Science Club
- Plays football
- Traveling and exploration are among my favorite hobbies

8. REFERENCES

- Available upon request