DAVIS OCHIENG

Analytics Enthusiast | Data Science | Problem-Solving

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SUMMARY

Motivated and detail-oriented Computer Science student with strong foundations in data analysis, machine learning, and statistical modeling. Seeking a Data Science internship to apply technical skills in Python, SQL, and data visualization while contributing to impactful projects. Passionate about transforming raw data into actionable insights.

EXPERIENCE

ICT & Hansard Assistant

Uasin Gishu County Assembly

📅 01/2023 - 03/2023 📍 Eldoret, Kenya

Data Management & Digitization:

- Spearheaded the digitization of Hansard reports (official parliamentary records), improving accessibility and searchability by migrating 500+ historical documents to a centralized SQL database.
- Collaborated with the ICT team to design a streamlined workflow for real-time data entry, reducing report retrieval time by **30%**.
- Conducted quality assurance checks on parliamentary data to ensure accuracy and compliance with legal standards.

Technical Support & Process Optimization:

- Automated routine administrative tasks (e.g., report categorization) using Python scripting, saving **10+ hours** of manual work monthly.
- Trained 20+ staff members on ICT tools and Hansard software, enhancing team proficiency in data entry and digital record management.
- Troubleshot hardware/software issues for assembly members, ensuring minimal disruption to parliamentary operations.

Data Analysis & Reporting:

- Analyzed assembly session attendance records using Excel, identifying trends that informed resource allocation decisions.
- Generated monthly performance reports for departmental review, highlighting key metrics such as document processing times.

EDUCATION

Bachelor of Science in Computer Science

St. Paul's University Limuru

📅 10/2019 - 11/2024 📍 Limuru, Kenya

Kenya Certificate Of Secondary Education (K.C.S.E)

Segero Baraton High

📅 02/2015 - 11/2018 📍 Location

Kenya Certificate Of Primary Education (K.C.P. E)

Kidiwa Primary School

📅 2007 - 2014 📍 Eldoret, Kenya

LANGUAGES

English
Native ●●●●●

Swahili
Native ●●●●●

KEY ACHIEVEMENTS

🚀 **Improved Data Accessibility**
- Led the transition from paper-based to electronic Hansard records, enabling remote access for 20+ county staff.

⚙ **Process Automation**
- Developed a Python script to auto-format (Indexing) parliamentary reports, reducing human error by **25%**.

SKILLS

Data Analysis

Tableau, Power BI, Matplotlib, Seaborn

Machine Learning & Statistical Analysis

K-Means Clustering, Decision Trees, Random Forests, Logistic Regression, SVM, Neural Networks

Programming Languages & Libraries

Python (Pandas, NumPy, scikit-learn, TensorFlow), Javascript, SQL, C/C++

COURSES

Machine Learning Specialization (Stanford University via Coursera)

Covered supervised/unsupervised learning, neural networks, and advanced ML algorithms; implemented projects using Python and scikit-learn.