Nairobi, Kenya
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TONY BLAIR NAM

I am an AI/ML Engineer with a strong focus on developing and optimizing algorithms to ensure efficient, secure, and reliable data processing. These factors being essential for the deployment and rolling out of AI solutions that are meant to solve existing world problems. I also possess a proficiency in networking and cloud-computing platforms such as Oracle Cloud, Amazon Web Services (AWS) & Huawei Cloud; Serving the interest of society by providing on-demand solutions and ensure their digital security.

Work Experience

NOC Support Engineer   **Jamii Telecom LTD**   **JAN 2025-PRESENT**
Nairobi, Kenya

- Continuously monitoring JTL's network systems, servers, and communication lines for performance issues, downtime, or security threats.
- Responding to network incidents, outages, or security breaches in a timely manner, ensuring proper escalation to higher-level support teams when necessary.
- Performing routine maintenance, firmware updates, and software patches to optimize network performance and prevent failures.
- Maintaining detailed logs of network performance, incidents, and resolutions while generating reports for management to track system health and improvements.

Freelancer   **Self- Employed**   **JUL 2021-PRESENT**
Remote

- Actively undertaking AI related gigs involving machine learning, big data analytics, and data visualization using R, Image Annotation, Data Annotation etc.
- Online tutoring in AI related courses including Data Science with Python, Information Visualization, Machine Learning Fundamentals, AI Basics etc.
- Working on individual and team projects in deploying trained AI models that address real-world problems.

Student Intern   **Huawei Kenya**   **MAR 2024-JUN 2024**
Nairobi, Kenya

- Developed an AI project to aid visually impaired individuals by creating tactile maps and implementing computer vision features for object identification in maps.
- Designing and integrating a navigation app to enhance accessibility and usability for visually impaired users.
- Representing the Huawei Brand in several forums and conventions involving Africa's readiness for AI transformation in various economic sectors.

Sales Representative   **Huawei Kenya**   **NOV 2023-FEB 2024**
Nairobi, Kenya

- Developing an in-depth understanding of Huawei's e-kit products, including their features, specifications, and unique selling points.
- Act as a positive and enthusiastic representative of the Huawei brand, embodying its values and maintaining a positive public image.

- Interacting with the target audience to create a connection between the e-kit products and potential customers and actively promote Huawei's e-kit products through various channels, such as social media, events, and other marketing initiatives.

ICT-Networks Trainee   **KUTRRH**   **SEP 2023-NOV 2023**
Nairobi, Kenya
- Designing, planning and implementing the institution's network infrastructure by ensuring the network meets the current and future needs of the institution.
- Ongoing maintenance and monitoring of the network to ensure its reliability and performance.

Data Analyst Intern   **ABDP**   **AUG 2020-OCT 2020**
Kakamega, Kenya
- Deriving actionable insights from fish farmers data and empower the organization's ability to make informed decisions
- Leveraging data effectively, contributing to improved operational efficiency, increased revenue, and the overall success of the organization.

Technologies and Languages

- Languages: Python, Java Script, HTML&CSS, Java, R
- Technologies: MySQL, Postgres, Django Framework, React, Git, Jupyter Notebooks, .NET Frameworks, STATA, Databricks, Excel, Tableau
- Other: Data structures and algorithms, Computer Vision, Big Data, NLP.

Education and Certifications

- **B.Sc. Computer Science(First Class Honors),** Kenyatta University. **2019– 2024**
- **Certificate In Computer Applications,** Kakamega School of Professional Studies **MARCH 2019**
- **KCSE Certificate (A-),** St. Joseph's Rapogi, Migori **2015-2018**
- **KCPE Certificate(A-),** Excellence Care Center, Mathare **2007-2014**

Projects

- Developed a Computer Vision solution that identifies key features within a map and relays audio information to visually impaired individuals.
- Developed my final year project to automate Hostel booking within the locale of my institution
- Built an AI-powered website integrating Machine Learning (Certified by NRF Kenya). Python and Cybersecurity Associate projects (Certified by ShapeAI &GDSC)**.**

Other Sections

- **Awards** – Class Representative of the Computer Science Class, Certified Students' Council Time Keeper.
- **Certifications and Courses** – AWS Certified Cloud Practitioner,CCNA Network Security Certified, HCIA Certified in Cloud Service, Oracle Certified in OCI Foundations & Artificial Intelligence, Coursera Certified in The Foundations of Cybersecurity, Shape AI Certification, NRF Certified in Machine Learning, JLPT N5 Certified.

Interests

- Learning Japanese (2 years+ Learning streak on Duolingo).
- Playing Soccer.
- Reading.
- Coding.