<u>**CURRICULUM VITAE**</u>

<u>**PERSONAL DETAILS**</u>

Name: KYALO KELVIN MUINDI

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Gender: Male

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Online Portfolio: https://muindikelvin.github.io/

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<u>**CAREER PROFILE SUMMARY**</u>

I am a highly skilled professional with expertise in computer programming, human-centered interaction, design thinking, and human-computer interaction (HCI). My work spans multiple domains, including machine learning, data science, and business intelligence. I have hands-on experience developing interactive applications and dashboards using Streamlit, Tableau, and React JS, integrating advanced predictive analytics and visualization techniques to deliver meaningful insights. I specialize in handling imbalanced datasets, feature engineering, and model evaluation, ensuring optimal performance and interpretability. My projects have covered a wide range of applications, from credit scoring and fraud detection to sentiment analysis and Android malware detection. I have worked extensively with Balanced Random Forest, Logistic Regression, and PCA-based feature extraction, tailoring solutions to meet specific business and security challenges. Additionally, my work in healthcare analytics, particularly in early cardiovascular risk detection, aligns with industry-specific objectives such as NHS guidelines, demonstrating my ability to apply AI-driven insights in real-world scenarios. Therefore, I am looking to secure a position in IT in a fast-paced organization where I will be able to contribute my acquired skills and knowledge for the good of the organization. With proficiency in Python, R, and SQL, I develop scalable solutions for complex data challenges. I take a user-focused approach, ensuring that the systems I build are not only effective but also accessible, ethical, and aligned with human needs. My ability to bridge the gap between AI-driven insights and user experience makes me a valuable asset in building intelligent systems that enhance decision-making across industries. I am an effective team player with good analytical, communication, and interpersonal skills, a self-motivated individual who drives his focus to achieving specific and time-bound objectives, as well as a results-oriented person with the ability to adapt to the demands of dynamic business changes.

CAREER OBJECTIVE

❖ I am looking to secure a position in a company, where I can grow my innovation skills as well as bring out strategic and immediate values on the development of the company.

❖ To establish a professional working in the field of growth and profit making towards company development.

❖ I am looking to secure a position in a company where I can grow data analysis and leadership skills.

EDUCATIONAL BACKGROUND

Sept 2016 to 2020: University of Nairobi BSC. Computer Science (Graduated on 25/09/2020, Attained Second Class Honors, Lower Division Degree)

Feb 2011 to Nov 2014: ST. ANDREWS' High School. (Attained B- (Minus) in Kenya Certificate of Secondary School)

KEY SKILLS AND COMPETENCIES ACQUIRED

● Data Analysis Skills: Python [pandas, scikit-learn], R studio.

● Network Installation, Troubleshooting & Maintenance

● Web Design & Dev, Database Programming – HTML, CSS, JavaScript, MySQL, PHP, SQL, React JS, Bootstrap.

● Material Design Web Front-end Development.

● Teamwork

● Organization skills: Experienced in identifying and prioritizing activities and assignments and making necessary adjustments as required.

● Problem Solving Abilities: I can visualize and solve complicated problems in the best way, making accurate and informed decisions about IT.

EXPERIENCE

MARCH 2021 TO TODAY

I've been a freelancer in academic writing in the computer science discipline. Most of the writings are research-based case scenarios. However, I've been a netizen taking part in online learning challenges.

OCTOBER 2020 TO MARCH 2021→SHORT TERM CONSULTANCY AS DIGITAL CONTENT OFFICER IN DIGITAL LEARNING CONTENT AT AVERC-JUJA (https://averc.co.ke/)

As a Digital Content Officer in Digital Learning Content, I had to;

- Enhance record keeping under the assigned area,
- Assign activities and tasks to the experts, keep track of work progress (using Google Forms appropriately),
- Compile and format the work from experts,
- Submit a zero draft for the area assigned,
- Take part in doing input in the content, as well as responding and acting accordingly to any activity the management and project administrators assigned to me.

MAY 2019 TO AUGUST2019→ATTACHED AT KWS HQ's LANG'ATA(http://www.kws.go.ke/)

During this time, I worked with the Computer Maintenance Staff on a variety of computer accessories, including assembling computers, general maintenance of computers, Networking and Printers, configuring network clients, and installing operating systems under Windows XP, Windows 7, and Windows 10.

<u>KEY ACHIEVEMENTS</u>

- Contributed two repositories to Arctic Code Vault GitHub Archive Program (2020).
- I am glad also to be the main designer and developer of the Heritage of Hope children's home website. [Heritage of Faith and Hope Rehabilitation Center – Raising the Standards](#)
- I have created different web clones for various World Class Companies including Amazon and Airbnb using React JS: https://challenge-1dcd6.web.app/
- Developed a real-time Worldwide Covid-19-Tracker: https://covid-19-tracker-43f3d.web.app/
- Developed WhatsApp Clone: https://whats-app-clone-f8c85.web.app/
- Developed Gmail clone: https://clone-60448.web.app/
- Developed YouTube clone: https://clone-5c196.web.app/
- Developed Facebook messenger clone: https://facebook-messenger-clone-48eb0.firebaseapp.com/
- Developed Netflix clone: https://netflix-clone-cbd02.web.app/

- Developed Twitter clone: https://twitter-clone-2c3a7.web.app/

- Developed Instagram clone: Instagram-Clone (instagram-clone-3ff6b.firebaseapp.com)

- Dental Services Management System: https://dental-management-system-3f0d1.web.app/

- Emotion detection using CNN webapp (a machine learning-based app): https://emotion-detection--convolutional-neural-networks.streamlit.app/

- Diabetes Risk Detection webapp: https://early-detection-of-diabetes.streamlit.app/

- Crop Growing Recommendation webapp: https://crop-recommendationapp.streamlit.app/

- Weather Forecast webapp: https://weather-app-14062.web.app/login

- Heart Failure Risk Detection: https://muindikelvin.shinyapps.io/Cardiovascular-Module/

- Animal Disease Classification webapp: https://animaldiseaseclassification.streamlit.app/

INTERESTS

Due to the rise of the technology revolution towards Artificial Intelligence and Machine Learning, great companies are investing in different ideas towards that, and this makes me want to adventure in the fields to raise innovations which will improve the efficiency of their business processes and generate more revenue.

REFEREES:

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