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Professional Summary

I am an ambitious and adaptable BSc Clinical Medicine graduate from Jomo Kenyatta University of Agriculture and Technology. My eclectic skill set spans the realms of medicine, research, community outreaches, data science, and even artificial intelligence. I've polished these skills through diverse experiences, from medical training and freelance research to shining in prestigious competitions like the Huawei Global ICT.

As a dedicated healthcare professional, I bring a wide range of medical skills, a strong commitment to improving the well-being of children and vulnerable populations, and a passion for humanitarian service. I excel in fast-paced clinical environments, delivering timely and effective care. My focus on cultural competency and communication enables me to provide inclusive, patient-centered care.

Thus, with a knack for research, community service, and data analysis, a proactive mindset, and razor-sharp medical skills, I'm committed to making a global impact; and having a bit of fun along the way.

Experiences

Medical Experiences

Junior and Senior Year Medical Attachment and Clinical Rotations

Jan 2022 - Dec 2023

- Focused on comprehensive patient care within resource-constrained healthcare settings.
- Collaborated with multidisciplinary teams to diagnose and treat patients, gaining hands-on experience in medical procedures.
- Implemented evidence-based practices and adapted to limited resources to optimize patient outcomes.

Organizer and Participant in Medical Camps and Volunteer Health Drives

2018-2019

- Actively contributed to blood donation health drives and medical camps aimed at bridging healthcare gaps in underserved communities.
 - Provided compassionate medical care and support to CCC (TB-HIV) patients.
 - Collaborated with local healthcare providers and community leaders to address Diabetes, Hypertension and communicable diseases.
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Technological and Research Skills

Freelancer Researcher and Writer

Present

- Conducted comprehensive academic literature and systematic reviews on a broad range of topics, showcasing advanced research and analytical skills.
- Proficient in Microsoft MS Suite, Excel/Spreadsheets, Google Workspaces, LaTeX, and SPSS.
- Proofread, review, transcribe, and write (based on APA, MLA, Chicago, and Harvard styles) on different topics ranging from health sciences, psychology, geopolitics, and literature.
- Excellent in writing, research, data analysis, report generation, and presentation.
- I applied the above skills in final year Research titled: Knowledge, Attitude, and Practices of HPV Vaccination among Mothers of Pre-teen Age Girls Attended to at Kitale County Referral Hospital.

The document is accessible here: <https://github.com/tech-Ice/Final-Year-Research-Docs>

Huawei ICT Competition, Lead Iteration Generalization

Dec 2022 - May 2023

- Together with my two colleagues, developed a smart system: ICMS that detects cardiovascular conditions.
- Ensured highest model accuracy (CNN at 96% and Ensemble at 99%, respectively).
- Learned the principles of Artificial Intelligence (Machine Learning, Deep Learning and Neural Networks, IoT, Cloud Computing, and Data Science).
- Achieved first prize in the Huawei Global ICT Competition 2022/2023 held in Shenzhen, China in May.

Other Experiences

Team Leader, Traffic Data Counts, Howard Humphreys

2019-2022

- Led teams of 30+ persons in conducting Traffic Data Counts at multiple locations in Nairobi.

Chair, University Christian Groups

2019-2020

- Led groups of young Christians (University Students) in charity works, retreats, hikes, and adventures.

Awards

JKUAT-EABL Engagement Day:

Mar 2023

Presented ICMS smart system and awarded 2nd runners prize among 15+ projects.

CEO Clinical Medicine Dept Electoral Body:

2019

Organized and ensured credible and fair students' elections.

2024 JKUAT Hult Prize Entrepreneurial Competition: 2nd Prize Winner:

Apr 2024

Focusing on innovative solutions addressing global and local challenges based on 2030 SDGs goals through technology and entrepreneurship.

Education

BSc in Clinical Medicine, The Jomo Kenyatta University of Agriculture and Technology (JKUAT)

June 2024

High School Diploma, Machakos School

2016, Grade: A-

HCIA-AI Course, Huawei Kenya ICT Academy

2023

Interests

- **Nature exploration and adventure:** Targeting to summit Mt. Kenya by 2026.
- **Self-teaching AI and Data Science via Google, Microsoft, and Cisco online courses and Bootcamps:** SPSS, R, Python, PowerBi and Tableau.