

Curriculum Vitae



Derrick Kurura

Medical Laboratory Science Student | Tech Enthusiast (Data Science, AI & ML)

Sex: Male

Age: 21 Years

Languages: English, Kiswahili, French (Intermediate)

Marital Status: Single

Nationality: Kenyan

Contact Information

- **Phone:** +254700383811
- **Email:** kururaderrick@gmail.com
- **LinkedIn:** [linkedin.com/in/derrick-kurura-421610243](https://www.linkedin.com/in/derrick-kurura-421610243)
- **Location:** Nairobi County, Kenya

Professional Summary

A dedicated Medical Laboratory Science (MLS) student at Kenyatta University with a passion for revolutionizing healthcare through data science, artificial intelligence (AI) and machine learning (ML). With hands-on experience in medical diagnostics and leadership roles in academic societies, I bring a unique blend of technical expertise, research acumen, and innovative thinking. I am driven by the potential of technology to enhance healthcare delivery and am committed to spearheading impactful projects that improve patient outcomes.

Education

Kenyatta University

Bachelor of Science in Medical Laboratory Science

2022 – Expected 2026

- **Activities and Societies:**
 - **Vice Chairperson**, Kenyatta University Medical Scientists Research Society (KUMESRES) (Feb 2024 – Feb 2025)
 - Spearheaded research trivia, debate sessions, and society initiatives.
 - **ICT Coordinator**, Association of Kenyatta University Medical Laboratory Students (AKUMELS) (Nov 2024 – Present)
 - Designed promotional materials and managed digital platforms.
 - **Assistant Director**, SCORE - KEMELSA (Mar 2024 – Mar 2025)
 - Fostered collaborative projects under SCORE's initiatives.
 - **ICT Coordinator**, KUMESRES (Feb 2022 – Feb 2023)
 - Managed social media outreach and event promotions.
 - Active member of:
 - Kenya Model United Nations (24th Session - K.U Chapter)
 - Kenyatta University Medical Research Club
 - Africa Digital Health Students Network (K.U Chapter)

St. Patrick's Mixed Day Secondary School, Makunga

Kenya Certificate of Secondary Education (KCSE)

2018 – 2022 Grade A-

- **Society Participation:** Science Congress Club

Taito Primary School

Kenya Certificate of Primary Education (KCPE)

2016 – 2017 Marks 398/500

Professional Experience

Medical Laboratory Attachee

Kitale County Hospital National Public Health Reference Laboratory

Kitale, Trans-Nzoia County, Kenya

- *April – July 2024 | May – July 2023*
 - Conducted laboratory diagnostics under expert supervision.
 - Developed proficiency in sample collection, phlebotomy, and diagnostic procedures across microbiology, hematology, biochemistry, parasitology, serology, and molecular diagnostics.

- Contributed to microbiological data analysis using Excel during the ACORN project.
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Skills

- **Technical Skills:** Laboratory diagnostics, data analysis beginner (Excel, Power BI), Data Science, AI and ML basics, WordPress web development, graphic design.
 - **Programming & Tools:** Python (Beginner), HTML, CSS, JavaScript(Intermediate), Adobe Photoshop (Intermediate) Canva, Microsoft Office Suite.
 - **Soft Skills:** Leadership, teamwork, event coordination, effective communication, problem-solving.
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Certifications

1. *AI in Healthcare Webinar Series* (May 2024) – Digital Health Africa & ACADIC.
 2. *Fuel Africa 2024* – Entrepreneurship program for healthcare and climate solutions (Mammry Protect Project).
 3. *Creating a Website Using WordPress* – Coursera.
 4. *Certificate of Appreciation* – KEMELSA-TAMELASA AMR Webinar (Nov 2024).
 5. *Research Trivia & Debate Certificate* – KUMREC (Aug 2024).
 6. *Research Workshop Participation* – KEMUMREC (Aug 2024).
 7. *KU Career Ambassadorship* – Oct 2023 – Feb 2024.
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Leadership Experience

- **Vice Chairperson:** KUMESRES (2024 – Present)
 - **ICT Coordinator:** KUMESRES (2022 – 2023)
 - **Assistant Director:** SCORE (KEMELSA) (2024 – Present)
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Hobbies and Interests

- Exploring intersections of technology and healthcare.
 - Reading classical and philosophical literature.
 - Playing chess and football.
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Referees

1. Mr. Daniel Mulwoto

Phone: +254729 145 591

Email: danwek89@gmail.com

2. Dr. Patrick Nyaga

Phone: +254722 633 840