

Justo O. Ochung'

Science Educator & Youths' Advocate

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Professional Summary

I have a cumulative of 7 years teaching experience at Primary, Secondary, and Tertiary levels in remote and urban regions in Kenya. I am experienced in both remote and physical teaching and academic administration to learners at all levels or ethnic/racial associations. I am also a skilled research writer spanning over 8 years, data manager and analyst, and digital leader competent in transformational leadership and communication. I am currently pursuing an opportunity that will encourage the development of a contemporary science/technical curricula for solving future skills-gap especially leading to self-employment amongst youths.

Skills

Git | SQL | Python | Collaboration | R Programming | Flask | Linux |
| Communication | Curriculum Development | Academic Administration | Student Leadership |
Technical Leadership | Report Writing | Transformational Leadership

Educational Background

Post Graduate Diploma in Education 2021-2023

KCA University

Communication, Administration, Leadership,
Teaching

Software Programming 2020-2020

Moringa School

HTML, CSS3, Git, Python, Flask, Angular,
JavaScript, TypeScript, SQL, R

MSc. Molecular Medicine 2017-

JKUAT/KEMRI ITROMID

Scientific Research & Communication, Collaboration,
Data Mining & Analysis

BSc. Biochemistry 2010-2014

Kenyatta University

Scientific Skills, Creativity, Leadership

Work Experience

Freelance Software Developer & Technical Writer <ul style="list-style-type: none">• Technical writing on emerging issues in software design, development, and implementation.• Web design and development• Collaborating in software projects and students' advising	2021- Present

Freelance Writer <i>Upwork Inc.</i> <ul style="list-style-type: none"> • Advising learners on academic writing, thesis development and writing, and 2016 – Present term paper writings • Writing admission and scholarship essays for talented students looking for opportunities in world-class universities/institutions • Delivering technical and topic-based presentations based on students' learning needs • Writing literature reviews and issue-based research as requested by clients • Offered career guidance and counselling to prospective students looking for professional studies overseas 	2016- Present
Early Research Scientist & Committee Member <i>Kenya Medical Research Institute Graduate School</i> Roles <ul style="list-style-type: none"> • Identifying grant calls and collaborating for applications • Drafting Literature reviews, editing, and managing the grant writing process • Submission of grant proposals in collaboration with the Grants committee • Mentoring students in science writing & communication 	2023- Present
Lecturer (Intern) <i>Thika Technical Training Institute</i> Roles <ul style="list-style-type: none"> • Taught & assessed Biochemistry and Research Methods units • Collaborated with the science department in organizing biochemistry laboratory workshops for students • Prepared lecturer notes and assessment manuals • Assisted applied science department (teachers & students) in digital on-boarding for the online classes and assessments • Underwent Institution's organized training sessions on Teacher Professional Development 	2022-2022
Director of Studies and Science Teacher <i>Ngutu Mixed Secondary School</i> Roles; <ul style="list-style-type: none"> • Formulated teaching designs and assessments for science and non-science subjects through collaboration with teachers and learners • Oversaw the administration of examinations and teaching calendar on behalf of the school leadership • Directed laboratory practical learning syllabus and initiated the hiring of an experienced laboratory technician • Collaborated with neighboring schools for academic competitions, especially in the sciences • Assisted in the administration of learners' and teachers' discipline through collaboration with teachers, administration, community members, and government officials 	2010-2014 (During May-August University Holidays)

<ul style="list-style-type: none"> • Organized science workshops, joint district examinations, and conferences on behalf of the school for teachers and students • Administered student affairs and addressing them based on school needs through association with the administration, parents, and teachers 	
<p>Primary School Teacher <i>St. Alekia Primary School</i></p> <p>Roles;</p> <ul style="list-style-type: none"> - Taught Science and Kiswahili subjects Class 4, 7, and 8 students - Worked alongside students' and teachers' leadership to create a successful science club - Organized teachers' joint administration and assessment of examinations for science and technical subjects - Organized academic days for students, parents and teachers' discussion forums - Worked alongside Plan International to assist vulnerable students in meeting their school financial needs. 	2009-2010

REFEREES

Dr. Florence Kinyua
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