SAMMY OTIA
Nairobi, Kenya, | Tel: +254 719686640 | dr.sammyotia@gmail.com
https://otiasammy.pythonanywhere.com/

EDUCATION

EMOBILIS MOBILE TECHNOLOGY
Nairobi, Kenya
Python Course
January-May 2023
Cumulative GPA: 3.87/4.0; Tech team List 2023
Relevant Coursework: OOP, Django framework, Git and version control, RESTful APIs; Data Structures; M-PESA Integration, SQL and databases, server administration: Heroku, Python anywhere;

NAIROBI TECHNICAL TRAINING INSTITUTE
Nairobi, Kenya
Diploma Information Communication Technology   September 2019 - November 2022
Relevant Coursework: Object Oriented Programming, Database management System, System Analysis and Design, Structured Programming:c and c++, Operating Systems, Communication, Internet Based Programming, Data Communication;

WORK EXPERIENCE

BUSIA COUNTY REFERRAL HOSPITAL. (Hospital's Web Application Software)
Busia, Kenya
Information Communication   January 2021 – April 2021
- Contributed to configure a valid Internet Protocol address saving 3 hours server downtime
- Built Integrated automatic report generator for the hospitals web application saving 8 hours of report tracking manually from all workstations.
- Built database internship program for the hospitals trainees saving 70% of the Human resource manager tracking record manually of the new trainees(5 team project).

UNIVERSITY PROJECTS

THREE INTERFACE COLLEGE MANAGEMENT SYSTEM
May 2023
- Designed a three interface system that can connect teachers, students, and HOD in 3-based team sing Python and Django framework
- Each interface with its dedicated dashboard based on 5-data metrics well organized

MEGA PLATFORM ONLINE ENTERTAINMENT WEBSITE
June 2022
- Built Art sharing website cater specifically to local unheard artists that can lift up to 45% on the Kenyan entertainment industry
- The best non-subscription website for local artists help to learn, grow, and get inspired

INVENTORY DATABASE DRIVEN SYSTEM
June 2018

- Built a Centralized repository for all inventory data of the high schools which allows balancing inventory costs and risks against the desired inventory performance metrics.
- Awarded Third Prize in Kenya Computer Science Projects (out of 43 teams)

ADDITIONAL

Technical Skills: Advanced in SQL, Java Script HTML/CSS; Python, Django framework, RESTful APIs, M-PESA Integration, Structured Programming: C and C++, Git and Version control.
Languages: Fluent in English; Conversational Proficiency in Iteso,
Certifications & Training: Online Course in Python (Python For Everybody), Passed eMobilis hands-on training examinations
Awards: Won Kenya Science and Engineering fair Number 3 Under 43 (2018) Position in Computer Science; Won Busia USAID Akukuranut Development Trust case competition on Community Tech Impact out of 57+ participants (2021, Community Based Programs)