

DONATUS OMONDI **ELECTRICAL AND ELECTRONICS ENGINEERING STUDENT**

CONTACT INFO

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- (Github
- in LinkedIn
- Nairobi, Kenya

EDUCATION

Bachelor's Degree Electrical and **Electronics Engineering** University of Nairobi

Maranda High School Grade: A-

St. Hannahs Preparatory School Grade: A

LANGUAGES

English

Swahili

REFEREE

oscaror@uonbi.ac.ke

PROFILE

I am an Electrical and Electronics Engineering student passionate and practical about ICT, Programming, Electronics and Embedded Systems.

EXPERIENCE

JUNE 2023 - PRESENT STUDENT ON ATTACHMENT EMBEDDED SYSTEMS

Geviton **ENGINEER**

Enterprises Ltd. Involved in development of hardware solutions.

> Responsibilities include pcb assembly in SMT line, assembly of final product in enclosures, firmware development using

stm32 and esp32

AUG 2022 - MAY 2023

STUDENT ON ATTACHMENT ELECTRICAL LEAD

Tafiti Nanosatellite Development of the pcb design of the ADCS Subsystem of

the KSA-funded Tafiti 3U CubeSat

JUN 2022 - AUG 2022 Gearbox

STUDENT ON ATTACHMENT

Created a flask server running on a raspberry pi on the local area network to handle user registration and image uploads. These images were used to train the Al module for

face recognition access

OTHER WORK

FEB 2023

Battery Charge Control

Used Raspberry Pi Pico W to automate charging of a laptop through sub-net requests to flask server running in

laptop to protect remote devices. Link:

Fulfilment & **Expense Track**

SEPT 2021 - AUG 2021 Created a web application to track deliveries, partial payments by customers to deliveries, expenses incurred by business and business intertransactions using Python, Flask

and Javascript. This is currently being used by 3 businesses

JULY 2021

Flask python package

Published a package to PYPI to dynamically display table

records on user defined routes.

LICENSES & AWARDS

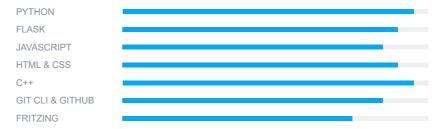
ALIG 2022 **HCIA Datacom** Huawei Certified ICT Associate Certificate

SEPT 2022 **Student Award**

Awarded best Male 2nd Year Electrical and Electronic

Engineering Student for the year 2020 - 2021

PROFESSIONAL SKILLS



INTERESTS

</>Programming



