

DONATUS OMONDI ELECTRICAL AND ELECTRONICS ENGINEERING STUDENT

CONTACT INFO

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✓ dona.omondi@gmail.com

Github

LinkedIn

Nairobi, Kenya

EDUCATION

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

2015 - 2018 Maranda High School Grade: A-

St. Hannahs Preparatory School Grade: A

ALX Software Engineering

LANGUAGES

English

Swahili

REFEREE

oscaror@uonbi.ac.ke

PROFILE

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

EXPERIENCE

Geviton

Enterprises Ltd. Part-time

OCT 2023 - PRESENT STUDENT INTERN EMBEDDED FIRMWARE ENGINEER

Development of firmware for RP2040 and ESP8266 based boards using Micropython

JUNE 2023 - OCT 2023 STUDENT ON ATTACHMENT EMBEDDED SYSTEMS **ENGINEER**

Geviton Enterprises Ltd. Full-time

Involved in development of hardware solutions.

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

stm32, esp32 and Raspberry Pi Pico W

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 Part-time

Part-time

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 AI 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:

SEPT 2021 - AUG 2021 Fulfilment & **Expense Track**

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-dt python package

Published a package to PYPI to dynamically display table

records on user defined routes.

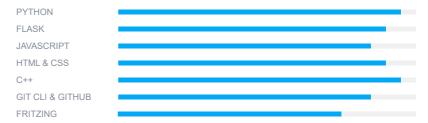
LICENSES & AWARDS

AUG 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

 Gamina
Ga </>Programming



