

# TERTESE MOSES

## CONTACT



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## SKILLS

**Software:** Multisim, Proteus, Keil ARM, MATLAB, Scikit-learn, OpenCV, Jupyter Notebook and Google Collaboratory.

**Hardware:** PCB Schematic and Layout Design, FPGA, Arduino, Cortex-M Microcontroller

**Programming:** C, C++, Python, Embedded C

**Operating Systems:** Windows, Linux, FreeRTOS, ROS

**Soft skills:** Problem Solving, Critical Thinking, Team work, Fast learner

## PROFESSIONAL AFFILIATIONS

- Member, Nigerian Society of Engineers

## CERTIFICATIONS

- Certified Entry-level Python Programmer (PCEP)
- Embedded Systems Essentials with ARM

## REFERENCES

- Provided on request

A very driven recent graduate seeking employment prospects in embedded systems and/or robotics. I am passionate about creating new technologies and willing to learn new things.

I have hands-on experience dealing with micro-controllers, sensors, firmware, real-time operating systems, and embedded software design in relation to IoT applications. I also have a solid understanding of applications for the Raspberry Pi, Arduino using C, C++, and Python.

## EXPERIENCE

October 2020 - January 2022

**Computer Programming Tutor** *Smat School of Engineering*, Makurdi, Benue

- Steered training and development activities towards goals, keeping lesson plans within target schedules.
- Taught learners computer science principles to help with proper care and operation of software and hardware.
- Updated training objectives, methods and course deliverables to incorporate advancements in information technology.
- Ascertained learning needs and created training programmes and courses to help users operate computers.

## EDUCATION

2022

**Master of Science Robotics**

**Heriot-Watt University**, Edinburgh, EDH

- Master of Science(M.Sc) Graduate
- Dissertation in: Visual Odometry for Autonomous Vehicles using Event Cameras
- Academic Achievement Award - Petroleum Technology Development Fund(PTDF)

2016

**Bachelor of Science Electrical and Electrical Engineering**

**James Sarwuan Tarka University**, Benue

- Dissertation in Micro-controller Based Irrigation System
- Member of Society of Electrical and Electronics Engineering
- Member of Nigerian Universities' Engineering Association
- Member of Student Union Electoral Committee
- Member of Student Union Government