

# **AGBEMUKO DAVID IFEOLUWA**

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## **EDUCATION**

- Afe Babalola University of Ado-Ekiti (ABUAD) – (2022 – now)  
M.Eng Mechatronics Engineering
- Federal University Oye-Ekiti (FUOYE) – 2015 – 2019  
B.Eng Mechatronics Engineering
- AOCOED International School – 2011 – 2014  
West Africa Examination Council (WAEC)

## **EXPERIENCE**

- Robotics Instructor (freelancing in secondary schools) – (2022)
- Learn by Building Foundation – Bauchi (2021)  
Facilitator/Trainer on Embedded Systems and IoT devices
- Abubakar Tafewa Balewa University (ATBU) – Bauchi state (2021)  
Assistant Mechatronics Workshop Technician (as NYSC Youth Corp Member)
- Applied Engineering Tehnology Initiative (A.E.T.I) – LAGOS (2018)  
Industrial Intern/ Assistant Automation Engineer/Instructor

## **Programming Skills**

- python
- javascript
- matlab
- postSQL
- c++
- c#
- ladder logic
- mongoDB

## **Controllers previously used**

- Arduino
- EV3 controller
- Siemens PLC

## **Libraries and Frameworks used**

- numpy
- scikit-learn
- simulink
- pandas
- matplotlib
- npm, jasmine, React

## **Other Technical Skills**

- design and setup of a simple automation system with PLCs, HMI and sensors and actuators
- design, implementation and troubleshooting of pneumatic/electro-pneumatic systems
- calibration of RTD temperature sensors and temperature controllers
- design of motor control circuits

## **LANGUAGE**

- Fluent English
- Basic German