

# EMMANUEL MAYOWA SAMUEL

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## EDUCATION

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**Federal University of Technology, Minna** – *Bachelor's Degree of Electrical/Electronics Engineering. 2018-2023*

*Accumulative Grade: In View.*

## EXPERIENCE

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**Ingressive 4 Good (FUTMINNA) – Software Developer Team lead** Sept 2022 – Feb 2023

- Organize technical bootcamp, curate learning resources for the community regards software engineering.

**Lagos State Ministry of Works – Electrical Engineer** Feb 2022 – July 2022

- Design of Electrical drawing.
- Electrical installation and maintenance services
- Appraisal of Bills, BEME, and valuation of projects.

**Lagos State Electricity Board – Electrical Engineer** Jan 2017 – Dec 2017

- Design, maintenance, installation and supervision of Electrical street lights.

## PROJECTS

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**AI Image Classifier - [Github](#)**

- Trained a model to classify flower images using pytorch.
- Deployed model as a command line application.

**AI Assistant ChatBot - [Github](#)**

- A personal assistant that aid user with daily activities.
- Python, Django, ChatterBot, NLP

**Traffic Monitoring System - [Github](#)**

- Detect, track and count cars/truck in traffic for surveillance.
- Python, OpenCV, Computer Vision.

**Audio Mood Finder App - [Github](#)**

- Detects the mood of a person from an audio file.
- Python, NLP.

**Social Distance Monitoring - [Github](#)**

- Used in pandemic situations, to monitor violation of social distancing.
- Python, OpenCV, Computer Vision.

## CERTIFICATIONS

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- Machine Learning Nano-degree \_ Udacity
- Introduction to Python \_ Data Camp

## ACTIVITIES

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**Ingressive 4 Good(FUTMINNA)** – Software Developer Team lead

*Sep 2022 – Feb 2023*

***Responsibilities:***

- *Curate learning resources for the rest of the community members.*
- *Organize technical bootcamp on any of the languages, Python, Web ( HTML, CSS, JS).*
- *Profer solutions to technical questions from community members.*

## SKILLS

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- **Knowledge:** Machine Learning, Deep Learning, Data Science, Web 3, Computer Vision, and NLP.
- **Concepts:** Software Engineering, OOP, Data structures, Algorithms, Web 3 Development, Operating System.
- **Programming Languages:** C/C++, Python, Javascript, Solidity, MySQL.
- **Technologies:** TensorFlow, Keras, PyTorch, OpenCV, Scikit-Learn,