



# Opeyemi Dada

## Backend/ Embedded System Engineer

A solution driven and hardworking graduate of the federal polytechnic Ilaro with proven technical research and communication skills. I was once research intern at the federal polytechnic ilaro where i decided to hone my software development skill along side my hardware skills.

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## EDUCATION

### Higher National Diploma

The Federal Polytechnic Ilaro

10/2019 - 10/2021

Computer Engineering

### Ordinary National Diploma

The Federal Polytechnic Ilaro

10/2016 - 10/2018

Computer Engineering

### Secondary School Certificate Examination

Renics College Lagos

07/2009 - 07/2012

Computer Engineering

## WORK EXPERIENCE

### Research Intern

The Federal Polytechnic Ilaro

03/2021 - 11/2021

Department of Computer Engineering

Tasks and Achievements

- Setting up of both hardware and software development environment for the research work.
- Simulation of several digital communication modulation schemes using a software defined radion (SDR).
- Generation and collection of pictorial modulation in form of constellation images using python script.
- Preprocessing and filtering collected dataset for machine learning algorithm development.
- Configuration of physical telecommunication radio for field work.

Contact: Engr. J. Olasina (M.sc) - 08037243084

### Full-stack Web Developer (Freelance)

JAAD Logistics

06/2021 - 03/2022

Jaad Logistics Services Lagos

Tasks and Achievements

- Design and implementation of SQL database required for the website to run.
- Design and implementation of the front-end and user interface of the website using HTML, CSS, Bootstrap and Javascript.
- Implementation of third party APIs.
- Development of APIs to connect front-end with Back-end.
- Development of backend logic using PHP language.
- Version control using github.

Contact: Mr Joseph - 07062869423

## Database Developer (Freelance)

04/2022 - 04/2022

### Tasks and Achievements

- Environmental setup for database implementation
- Database structure definition using oracle SQLplus.
- Data population using oracle SQLplus.
- Connection of database to oracle forms using oracle forms developer software.

Contact: Mr Gabriel Olusoji - 08038252652

## SKILLS

### Technical Skills

- HTML - proficiency 99%
- CSS - proficiency 70%;
- Javascript - proficiency 90%
- PHP - proficiency 90%
- Python - proficiency 80%
- NodeJs - proficiency 60%
- SQL - proficiency 80%
- NoSQL(MongoDB) - proficiency 70%
- C++ - proficiency 60%
- Arduino - proficiency 70%
- Linux - proficiency 70%
- Git - proficiency 50%
- Electronics Circuit Design - proficiency 60%
- Networking - proficiency 40%
- Machine Learning - proficiency 50%

### Soft Skills

- Verbal and written communication
- Time Management
- Flexibility
- Teamwork
- Optimism

## INTERESTS

Artificial Intelligence

Internet of Things (IOT)

Robotics

Embedded System

## PERSONAL PROJECTS

### Horace (08/2021 - Present)

- A web based school management systems meant to reduce the work load of teachers, make learning more fun for students and ease parent in monitoring the academic performance of their children.

### Sign Language Translator (03/2022 - Present

- An artificial intelligence based system the helps interpret the american sign language thereby aiding communication for visually impaired and vocally impaired people.

## LANGUAGES

English - Native Proficiency

Yoruba - Native Proficiency