

EMMANUEL EDET UYAH

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PROFESSIONAL SUMMARY

A young, dynamic, result-oriented, and productive second-class graduate of electrical/electronic and computer engineering with deft research and analytical skills. I am a fast learner and an open-minded team player who is passionate about pursuing a career as a researcher and academia, with the hope of making significant and enormous contributions via innovative research. With Over 6 years in the tech field, I also qualify to be a tech expert working on web applications and cross platforms applications.

Interests: Machine Learning | Internet of Things and Machine Learning | Applied Data Science in Engineering | Control Engineering | Software Engineering | Artificial Intelligence and Data science | Machine Learning

EDUCATION

University of Uyo, Uyo, Akwa-Ibom, Nigeria

2017 - 2024

Bachelor of Engineering (B.Eng.) in Electronics Engineering

Final Grade: Second Class Honors

GPA: 3.90/5.0

Thesis Title:

INTEGRATION OF A LAB BASED INTERNET OF THINGS TRAINER

Royal Star College, Surulere, Lagos, Nigeria.

2010 - 2015

Senior Secondary Certificate Final

Grade: (Distinction)

Great Grace Nursery & Primary School.

2004 - 2009

First School Leaving Certificate

SKILLS AND COMPETENCES

Laboratory: Electrical Wiring and Installtion| Networking with Cisco Packet Tracer | Software Engineering

Personal Strengths: Excellent Communication, Interpersonal Relationship Skills, Leadership and Team Player, Organizational Skills, Time and Project Management.

Software: MATLAB(Intermediary), JavaScript, Nodejs, Flutter, MySQL, C++, Python, Android Studio, Machine Learning, Data science and Data Analytics with Python

Soft Skills: Web & Mobile Development, Machine Learning and Artificial Intelligence, Tech Enthusiast.

TEACHING EXPERIENCE

IT Support

2020 - Present

MaasterTech Startup LTD, Lagos, Nigeria

- Coached and mentored prospective individuals to use their personal computer, including learning to code and use recommended on-hand tools.
- Hosted coding hackathons for colleagues and student who wanted to improve in their tech skills.

Academic Tutor

2019

Faculty of Engineering, University of Uyo, Akwa-Ibom, Nigeria

- Coached and mentored prospective undergraduates, recording over 90 % average success yearly.
- Prepared academic materials and organized tutorials for colleagues and other students at lower levels.
- Hosted coding sessions for colleagues and student who wanted to learn a tech skill.

Academic Tutor

2020

Wholphinplus LTD, Uyo, Akwa Ibom State, Nigeria

- Prepared academic materials and organized tutorial for students who were about to get into university.
- Established good reading culture among colleagues by distributing the class into several reading subgroups

CONFERENCE/WORKSHOP ATTENDED

- ICP HUB Web3: Transforming Tech Enthusiast with a Strong Vision for Greater Wealth 2023
- Matlab Onramp and Machine Learning with Matlab: MatlabWorks.com 2020

INDUSTRIAL EXPERIENCE

Maintenance Intern.

February. 2022 – July 2022

Delta Afrik Engineering Limited. Lagos, Nigeria.

- We conducted a corrosion study of materials in an extreme environment in the energy sector.
- We computed Routine equipment maintenance.
- Designed machine drawings for plant equipment
- Investigated problems facing Assets and postulated solutions.

Facility Management & Maintenance Intern

December. 2021 - February. 2022

Alphamead Facility Management Company. Lagos, Nigeria.

- Carried out Routine Maintenance on facilities and assets.
- Contributed to enduring that all mechanical, electrical, and instrumentation devices and equipment were in good working condition contribution to achieve low downtime
- Inspected, troubleshoot, and maintained pumps and gas turbines in the industry.
- Maintained industrial machine, rotary equipment (BMA and Broadbent models), etc.

WORK EXPERIENCE

Full Stack Developer.

August. 2018 – Present

Whophinplus LTD. Akwa-Ibom, Nigeria.

- **Sever-Side Development:** I was responsible for developing the server-side logic of an application. This involves creating robust, scalable, and efficient server-side architecture to handle data processing, storage, and retrieval.
- **Database Management:** I handle the design, implementation, and maintenance of databases. This includes creating database schemas, optimizing queries, and ensuring data integrity, working with various database management systems like MongoDB, MySQL, or PostgreSQL.
- **Security & Authentication:** I play a crucial role in ensuring the security of an application. I implement authentication and authorization mechanisms to control access to sensitive data and features. This involves encryption, token management, and safeguarding against common security vulnerabilities.
- **API Development:** Lastly, I design and implement Application Programming Interfaces (APIs) that enable seamless communication between the front-end and the server. I also ensure that the API endpoints are well-defined, secured, and capable of handling data exchange efficiently.

Backend Developer Intern.

January. 2021

Alphamead Facilities Lagos, Nigeria.

- Designed and consumed elegant scalable APIs and Services.
- Built beautiful, modern, and user-friendly backend solutions using Python MVC framework such as Django/Flask
- Built reusable components and front-end libraries for future use using html, css and javascript

VOLUNTEERING & LEADERSHIP EXPERIENCE

Member of Society of Electrical Engineers

February. 2022 – till Date

- A Society to connect a global community of engineers, scientists and related energy professionals to exchange knowledge, innovate, and advance their technical and professional competence.
- Proven community services and outreaches.