



SAMUEL BASSEY

Computer Engineer | Software Systems

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🌐 Website | 📁 Portfolio

EDUCATION

2019 - 2025

B.Engr. Computer Engineering
University Of Uyo, Nigeria

Coursework and focus areas include computer systems, software engineering, networking, data analysis, and system optimization.

2021 - 2022

Web Developer
Wedigraf Technologies

2022 - 2023

Data Analyst
Google Advanced Certificate Scholarship Program

SKILLS

HTML/CSS/Javascript

Typescript

Next.js

React

NodeJs

Python

GIT

PROFILE

Engineer with a Computer Engineering background and a broad foundation across software systems, networking, data, and security. Experienced in designing and building technical solutions across web and distributed environments, with hands-on development experience using modern programming languages and frameworks.

Comfortable working across different layers of computing systems, from application development to system infrastructure and known for strong self-directed learning and rapid adaptation to new technologies. Interested in contributing to challenging engineering problems and building reliable, scalable computing systems across diverse domains.

TECHNICAL SKILLS

Programming & Software Engineering

- Python, JavaScript, TypeScript
- Git, version control, collaborative development
- Building and deploying production systems

Web & Systems

- Next.js, React, Node.js
- Distributed and decentralized application design
- Blockchain-integrated systems

Data & AI Foundations

- Data analysis (Google Advanced Data Analytics)
- Introductory machine learning concepts (self-study, ALX AI Career Essentials)
- Statistics, probability, and applied analytical thinking.

Networking & Security

- Network engineering fundamentals (Cisco)
- Exposure to intrusion detection concepts and IoT security challenges
- Hands-on experience deploying and troubleshooting office network infrastructure, including workstation connectivity setup and network configuration in operational environments.

CERTIFICATIONS

Advanced Software Development

Certificate issued by 3MTT
Certificate issued by IHS Tower

Certificate issued by Wedigraf Technology

ALX AiCE - AI Career Essentials

Certificate issued by ALX

Network Engineering

Certificate issued by Cisco

Google Advanced Data Analytics Certificate

Certificate issued by Coursera

WORK EXPERIENCE

IT Intern

2024

Nigerian Ports Authority (NPA)

Supported internal IT operations within a large enterprise infrastructure environment.

- Assisted with workstation setup, system configuration, and troubleshooting network connectivity issues across departments.
- Participated in routine system maintenance and hardware diagnostics to ensure stable workstation performance.
- Observed enterprise networking and IT service management practices used to support daily port administrative operations.

Technologies include:

- Enterprise workstation environments
- Network troubleshooting and connectivity diagnostics
- Hardware configuration and system maintenance

Achievements include:

- Contributed to stable workstation operations through routine diagnostics and technical support assistance.
- Gained practical exposure to enterprise IT infrastructure, networking installation, configuration and operational support practices.

Frontend Developer

2023 - 2024

Morlabs Protocols

Developed and deployed a decentralized application focused on enhancing user experiences in the blockchain space.

- Integrated blockchain solutions to ensure seamless functionality.
- Created a responsive user interface using Next.js, TypeScript, and Tailwind CSS
- Conducted user testing and gathered feedback for iterative improvements.

Technologies include:

- Next.js for the frontend
- TypeScript for robust application development
- Tailwind CSS for responsive design
- Git

Achievements include:

- A web based tool for an intuitive role assignment and administration
- Online overview of company structures, projects, etc

- Successfully launched Morlabs Protocol, improving user engagement, satisfaction and interaction in the Web3 space.

Junior Frontend Developer/Tutor
Wedigraf Technologies

2021 - 2022

Collaborated with senior developers to create intuitive user interfaces and maintain efficient workflows.

- Design and implementation of update and deployment process automation
- Worked on large-scale design projects for corporate clients, handling both frontend and backend development.
- Performed quality assurance tests to optimize usability and ensure error-free performance.
- Led workshops and educational sessions on coding standards and frontend best practices.

Technologies include:

- HTML5, CSS3, JavaScript for frontend development
- Responsive design principles for mobile-first strategy

Achievements include:

- Standardized outputs with a responsive, mobile-first approach, improving client project outcomes.

Computer Instructor and Manager
Aeem Computer Limited

2015 - 2020

Managed a team of instructors, developing evaluation systems and improving teaching quality.

- Delivered progress reports to clients, enhancing transparency and communication.
- Identified areas for improvement, leading to a more skilled and motivated instructional team.
- Implemented performance evaluation systems for instructors to enhance teaching effectiveness.

Technologies include:

- Learning Management Systems (LMS) for managing and tracking student progress
- Microsoft Office Suite for creating progress reports, managing schedules, and documentation

Achievements include:

- Fostered a highly skilled and motivated teaching team.

- Successfully enhanced the teaching team's performance through effective management and reporting systems.

VOLUNTEER EXPERIENCE

Technical Volunteer FintechNGR

2025 - NOW

Manage and update FintechNGR websites as part of the technical team, ensuring consistent performance and content accuracy.

- Collaborated with the team to implement design updates and resolve technical issues.
- Supported ongoing digital initiatives aimed at improving user engagement and accessibility.

Technologies include:

- WordPress for website management

Achievements include:

- Improved website functionality and reliability through proactive maintenance and optimization efforts.

Tech Support ITExperience INC

2024

Provided technical assistance during hackathons, supporting participants with technical troubleshooting and project execution.

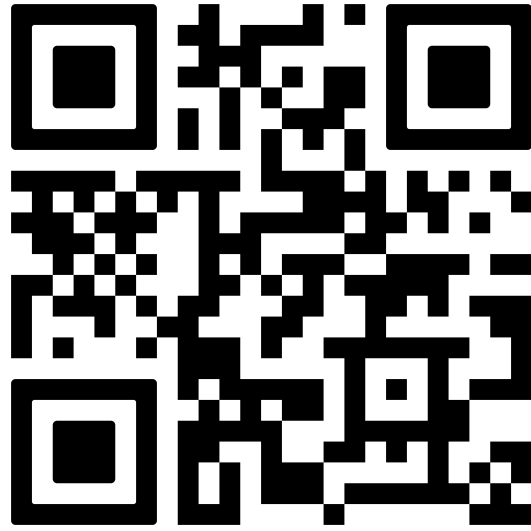
- Assisted teams with tools access and resolving technical issues.
- Supported organizers by ensuring smooth tech operations throughout the events.
- Maintained effective communication between teams and organizers.

Technologies include:

- Various tech stacks based on participant projects

Achievements include:

- Ensured seamless hackathon events by resolving critical technical challenges for participants.



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