

# EFFIONG, UBOKOBONG OKON

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## Personal statement

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A conscientious and professional Business/System Analyst with extensive experience in health informatics, programming, computer networking, project management, data analysis and visualization, scientific research, administration, and secretarial roles. A highly organised and efficient individual, whose thorough and precise approach to projects has yielded excellent results. Recent achievements with my current employer include the implementation of an innovative hospital information management system.

## Key Skills

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- ✚ Expert in Data Science/analysis and Data management with Epiinfo, SPSS, R, SAS, STATA, Power BI, DAX programming, and MYSQL
- ✚ Disease modeling with R
- ✚ Proficiency in all areas of Microsoft Office, including Access, Excel, Word, and PowerPoint
- ✚ High competency in Business/System analysis
- ✚ Programming experience in VBA 6, C# .Net Core and Python,
- ✚ System Networking, Server administration, and Arc GIS.
- ✚ UI/UX design with Figma and Software testing
- ✚ Knowledge of common Health Information Management Systems and digital global goods (e.g., OpenEMR, DHIS2, OpenLMIS, OpenSRP, CommCare, Health in a Box)
- ✚ Experience working remotely with a decentralized team
- ✚ Understanding of interoperability principles and standards (HL7, ASTM IHE, FHIR)
- ✚ Experience implementing technology-based solutions with users including user research, field testing, and training
- ✚ Excellent communication skills, both written and verbal
- ✚ Fully qualified scientific researcher

## Professional Certification

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| ✚ Planning for Monitoring and Evaluation (fhi360)             | - | May, 2020   |
| ✚ Diploma in Information Technology                           | - | April, 2020 |
| ✚ Programming in C# - Enterprise WPF with XAML (Udemy)        | - | April, 2019 |
| ✚ SQL Database design/management (Microsoft Virtual Academic) | - | Feb., 2019  |
| ✚ National Youth Service Corps (NYSC)                         | - | Oct., 2017  |
| ✚ Project Management Professional (PMP)                       | - | Aug., 2017  |
| ✚ HSE 1 & 2   | - | April, 2017 |
| ✚ National Youth Service Corps (NYSC)                         | - | Oct., 2017  |

## Employment History

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### Product Manager (Health Informatics Lead), Health in a Box, Abuja *(January 2020 – Present)*

Achievements and responsibilities:

- ✚ Implemented a bidirectional communication between the laboratory analysers and the hospital information system, reducing workload by 60% and giving 100% error free transmission of patient results into information system.
- ✚ Deployed and on-boarded hospital information management system (Health in a box) to four hospitals in Abuja.
- ✚ Lead, supervised day-to-day operations of support staff and also trained over 4,000 health workers on the use of **Hospital Information Management System (HMIS)**, health in a box across the country, Nigeria.
- ✚ Reorganised the meeting with the stakeholders and top management of the hospitals to share report on the progress of the project.
- ✚ Devised and implemented laboratory information management system as part of the hospital information management system.
- ✚ Maintained a high level of confidential access to the core system parameters.
- ✚ Designed the software functional specifications and GUI for each modules implemented, carried out gap analysis at every phase of the project.
- ✚ Helped provide a safer workplace and uptime of software by maintaining the hardware, like computers, and network switches.
- ✚ Diary management, reporting and documenting all aspect of the project, creating presentations and organising meeting within the team.

### Scientific Officer, National Hospital Abuja, Abuja

*(August 2018 – Present)*

Achievements and responsibilities:

- ✚ Developed, on-boarded and maintained the first **Laboratory information management system (LIMS)**
- ✚ Managing patient laboratory records and documentation.
- ✚ Ensuring that all laboratory safety guideline are followed strictly at all times.
- ✚ Analysing data and preparing data visualization for presentation in the laboratories
- ✚ Also assumed the role of fire/health and safety officer for the laboratory
- ✚ Patient sample collection, labelling and documentation.

### Technical Assistant - Health Informatics – Achieving Health Nigeria Initiative

*(October 2017 – January 2020)*

Achievements and responsibilities:

- ✚ Maintained and provided user on-the-job support while using the **Hospital Information Management System (HMIS)**.
- ✚ Contribute to all phases of web application and mobile app development lifecycles.
- ✚ Take part in software and architectural development activities.
- ✚ Documenting issues and resolutions in a log
- ✚ Communicate fixes and updates to the users.
- ✚ Providing technical assistance on software, hardware and network issues and configurations.
- ✚ Participate in the design, coding, and testing of new program modules or revisions to existing programs

- ✚ Typing all necessary documents and correspondence as required
- ✚ Conduct software analysis, testing, and debugging. Identify production and non-production application issues.
- ✚ Participate in the preparation and release of software components. Compile the documentation for the application and users' guides.
- ✚ Play a translational role in communicating technical approaches, user requirements and software/hardware specifications
- ✚ Create and manage detailed project plans with Ministry of Health initiative
- ✚ Develop system roll-out plans and support system installation and device set-up ahead of implementation for **HIV/AIDS** programming

## Education

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### Michael Okpara University of Agriculture, Umudike, Nigeria

(November 2011 – March 2016)

- ✚ B.Sc. Biochemistry

### Community Secondary School, Nkwut Ikot Obok Idem, Ikono, Akwa Ibom State

(September 2003 – June 2011)

- ✚ SSCE - 9 credit obtained including Mathematics and English Language

### Fulga Nursery & Primary School, Uyo, Akwa Ibom State.

(September 1994 – June 2003)

- ✚ First School leaving certificate

## Hobbies & Interests

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I am involved in a local humanitarian program, where I volunteered as a data collector and analyst. I have been involved with this society for three years and very much enjoy being part of the team. More recently, I assumed the role of Stage Manager for a two week production and relished the chance to take control of performances and react to a high-pressure environment.

## Publication

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Antihyperglycemic, antidyslipidemic and antioxidant properties of hydromethanol extract of *Eremomastax speciosa* leaf in alloxan monohydrate-induced hyperglycemic rats  
 SO Onoja1\*, **UO Effiong2**, BK Chukwuocha2,  
<http://dx.doi.org/10.4314/tjpr.v19i9.17>

## References

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References are available upon request.