

CURRICULUM VITAE

SECTION A: Personal Data

- (a) **Name:** Isidaehomen Arthur **EDEOGHON**
- (b) **Nationality:** Nigerian
- (c) **Permanent Home Address:** 1 Ojo Street, off Odiase Street, Evbuotubu Quarters Benin City.
- (d) **Current Postal Address:** Department of Computer Engineering, Faculty of Engineering
University of Benin, P.M.B 1154, Benin, Edo State
- (e) **Present Appointment:** **Senior Lecturer**
- (f) **Telephone Number:** 08036698865
- (g) **E-mail Address:** isi.edeoghon@gmail.com, isi.edeoghon@uniben.edu
- (h) **Website:** [Isi Edeoghon Resume \(quiet-buttercream-ec3298.netlify.app\)](https://quiet-buttercream-ec3298.netlify.app)
- (i) **LinkedIn Profile:** <https://www.linkedin.com/in/isi-edeoghon-13897749/>

SECTION B: Professional Summary

13 years plus post NYSC experience in Computer Engineering, teaching, training, app development, research and development with a Doctorate in Communications and Software Engineering (2021).

(j) Skills

Languages: Java, JavaFX, C, C#, JavaScript and Python

Operating System Platforms: Windows XP, 7, 8.0, 8.1, 10, Linux: Fedora, Ubuntu

Web related: HTML, JavaScript, XML, PHP, ASP.NET and CSS, AJAX, NodeJS

Virtualization: VM Player, Virtual Box

Database: MySQL, SQL Server 2012, Access, MongoDB

Cloud: Fire Base

Tools: Eclipse, NetBeans, Visual Studio IDE, MATLAB, Android Studio, Packet Tracer, Visual Studio Code, Jupyter

(k) Relevant Projects

-Cyberthreat detection model for malicious domains (2022) – Tools used: Apache PySpark, Python for Jupyter

- Customer Management Software for Electricity Distribution (2021). Tools used: Java, Java-FX, CSV

- Network Software for planning and deploying Heterogeneous networks in 5G Technology (2020).
Tools used: ASP.NET, C#, HTML and CSS

- *Design and Development of an Android Application Library for Food Recipes (2019)*. Tools used: Android Studio (Java) and Fire Base.

- *Management Software for Management of a Diagnostic Lab (2018)*. Tools used: C# and MS Access
- *Team Member* -Setting Up of Internet Network Infrastructure for Department of Computer Engineering University of Benin (2017)

(h) Current Projects

- **Design of Software Architecture for Integrated Management System for GIZ SEDIN – Ongoing Role-** Senior Software Architect/Consultant

(k) IRONET Ventures

IRONET VENTURES, Benin City, Edo State Nigeria, Aug 2021 - Till Date

- Technical Consultant, Tutor and Software Developer.

SECTION C: Qualifications

(a) (i) Academic Qualifications

S/N	QUALIFICATION	GRADE	AWARDING BODY	DATE OF AWARD
1	PhD (Computer Engineering)	-	University of Benin	2021
2	M.Eng. (Electronic/Telecommunications Engineering)	PhD grade	University of Benin	2014
3	B.Eng. (Computer Engineering)	2 nd Class Honours (Upper Division)	University of Benin	2005
4	N.D. (Computer Engineering)	Distinction		2000

(ii) Diplomas and Professional Qualifications

- (i) Registered Engineer: Council for the Regulation of Engineering in Nigeria (COREN) R34483, 2017
- (ii) Corporate Member: Nigeria Society of Engineers (NSE) R34715, 2015

(b) Teaching and Professional Experience

- (i)

Date:	2007 - 2009
Establishment:	CGATE Technologies
Designation:	Co-CEO
Duties:	Network/ Maintenance Engineer, Tutor
Date:	2009 - 2012
Establishment:	DIECTRIX Animations
Designation:	CEO
Duties:	Lead Animator and Director

(ii)

Date:	20/03/2012 – 15/12/2014
Establishment:	Department of Computer Engineering, University of Benin
Designation:	Graduate Assistant
Duties:	Course Advisor, Research Work, Lectures/Tutorials and other assigned duties.
Date:	20/3/2015 – Till Date
Establishment:	Department of Computer Engineering, University of Benin
Designation:	Lecturer II
Duties:	Project Supervisor, Course Advisor, Research Work, Lecturing and other assigned duties.
Date:	20/3/2018 – Till Date
Establishment:	Department of Computer Engineering, University of Benin
Designation:	Lecturer I
Duties:	Project Supervisor, Course Advisor, Research Work, Lecturing and other assigned duties.
Date:	20/11/2021 – Till Date
Establishment:	Department of Computer Engineering, University of Benin
Designation:	Senior Lecturer
Duties:	Project Supervisor, Course Advisor, Research Work, Lecturing and other assigned duties.
Date:	3/08/2021 – Till Date
Establishment:	IRONET VENTURES, Benin City
Designation:	Technical Consultant
Duties:	Technical advice, Training, Software development, Resource Manager

- (i) A 5-day *International Conference of Engineering Research and Design (ICERD)* held at the University of Benin, Nigeria, 2012
- (ii) A 3-day *Mandatory Continuing Professional Education Course for Prospective Corporate Members*, Nigerian Society of Engineers (NSE), Nigeria, 2015
- A 3 -day *International Conference on Urbanization and Sustainable Development in Africa*, Caleb University, Imota, Lagos. 4th -6th December, 2018

(e) Materials already published with Publishers and Dates

(i) Foreign Journal Papers

- 1) Otasowie,P.O and **Edeoghon, A.I.** (Accepted 2014) “Design and Implementation of a Human Detector and Counting System using MATLAB” *International Journal of Electronic Communication and Computer Engineering*, Volume 5, pp. 1187 – 1190

(ii) National Journal Papers

- 2) P.E. Orukpe, R.C Emetelu and **A.I. Edeoghon** (2013) “Modified linear intersection localization of sensor nodes in wireless sensor networks”, *Journal of Engineering for Development*, Volume 10, pp 1-9
- 3) **Edeoghon A.I.**, and Okoye J.U (March, 2021) “Mathematical Model Development for Switch Power Management in Wireless Networks” *Journal of the Nigerian Association of Mathematical Physics* Vol 59, ISSN: 1116-4336, pp 197-202
- 4) **Edeoghon A.I.**, Omoifo O.I and Ogbeide K.O (March, 2021) “Small Cell Network Placement Models for Heterogeneous Network Deployments in Selected Environments” *Journal of the Nigerian Association of Mathematical Physics* Vol 59, ISSN: 1116-4336, pp 203-206
- 5) **Isi Arthur Edeoghon**, Osemekhian Innocent Omoifo, Kingsley Osaro Ogbeide (May, 2021) “Design of Web Based Software for Heterogeneous Network Deployment and Energy Efficiency Determination for Outdoor Cellular Communication Networks” *NIPES Journal of Science and Technology Research* 3(2) 2021 pp.90 - 99 pISSN-2682-5821
- 6) **Isidaehomen Edeoghon**, Oduware Okosun (May,2021) “Path Profile Modeling of Telecommunication Signals for a Telecomm Provider in the University of Benin” *NIPES Journal of Science and Technology Research* 3(2) 2021 pp.82 - 89 pISSN-2682-5821

(iii) Local Journal Papers

- 7) P.O. Otasowie and **A.I. Edeoghon** (2015) “Design and Development of a Microcontroller based Under Voltage and Overvoltage Protective Electrical Device.” *Journal of Civil and Environmental and Systems Engineering*, Volume 13, pp 38-49

- 8) **Okosun O. and Edeoghon A.I** (2020) “Design and Construction of a Wireless Fingerprint Attendance Management System Based on Zigbee Technology” Journal of Civil and Environmental Systems Engineering” Vol 18, issue 1 pp 92 – 99

(iv) Others

Conference Proceedings:

- 9) **Edeoghon A.I.** and Omoifo I.O. (2018) “Development of Multi-Tiered Network Energy Efficiency Models for Urban Areas” International Conference on Urbanization and Sustainable Development in Africa, Caleb University, Imota, Lagos. Volume 1, Issue 1 pp 75-79
- 10) **I.A. Edeoghon,** H.E Mobote (September, 2021) “Cyber-crime in Nigeria: Sociotechnical Implications, Preventive and Counter Measures” 1st NIPES International Conference 2021 Theme: Recent Developments and Emerging Trends in Science and Engineering Towards a Systematic Change in Sustainable Development and Ecologically Smart Future, 7th - 8th October, 2021 issue 1 pp 397-408

Engineering Technical Report:

Edeoghon A.I, (2015) “Technical Report on Postgraduate Experience” Submitted to Council for the Regulation of Engineering in Nigeria (COREN)

SECTION D: Referees

I. Prof. E. Oviasu

College of Medicine
University of Benin
Tel: 08073041649

II. Prof. K.O. Ogbeide

Department of Electrical/Electronic Engineering
Faculty of Engineering
University of Benin
Tel: 08037171309

III. Prof. F.O. Edeko

Department of Electrical/Electronic Engineering
Faculty of Engineering
University of Benin
Tel: 08023346844