

CURRICULUM VITAE

Name: Onuorah Osondu Benjamin
Date and Place of Birth: 12th August 1986. Ogba, Lagos State
Gender: Male
Contact Address: Number 7, Route A C2, Royal City CDA, Oba Fashina Estate, Sokoto Road, Atan, Ota, Ogun State.
Email: benjamin.onuorah@gmail.com
Telephone Number: 08037490533

EDUCATIONAL INSTITUTION ATTENDED AND ACADEMIC QUALIFICATIONS

- 2021-2024 **PhD in ICT Education (Specialization in Artificial Intelligence)**
Thesis Title: Development of AI-flavoured Technology-Education-Art App and Exploration of its Impact and CTCA on Students' Performance in Visual Art and Biological Drawings
Africa Centre of Excellence for Innovative and Transformative STEM Education Postgraduate (ACEITSE)
Lagos State University
- 2021 **Master of Fine Arts (M.F.A.) in Painting**
Project Title: Exploration of Pareidolia Phenomenon for Mixed-Media Painting
University of Benin, Benin City
- 2020 **Master of Education (M.Ed.) in Educational Technology**
CGPA: 4.17
Dissertation Title: Effect of computer animation on academic performance of technical college students in visual arts concepts in Lagos state, Nigeria
National Open University of Nigeria
- 2018 **Master in Information Technology**
Project Title: Design and implementation of an online testing system for LAUTECH MIT students
Ladoke Akintola University of Technology, Ogbamoso
- 2016 **B.A(Ed) in Education / Fine and Applied Arts**
CGPA: 4.16 (Second Class Honours, Upper Division)
Project Topic: Perceived effects of art skills on students' academic achievements in science subjects: A review of students' performance in biology in selected senior secondary schools in education district (iv) of Lagos state.
University of Nigeria, Nsukka
- 2011 **ND in General Arts (Upper Credit)**
Yaba College of Technology, Lagos

2015 **H.N.D. in Computer Science**
CGPA: 3.64 (Distinction)
Project Topic: Cloud computing and database
Lagos City Polytechnic, Ikeja

2011 **ND in Computer Science (Distinction)**
Lagos State Polytechnic, Ikorodu

INTERESTS

- STEAM and ICT Educational
- Visual Arts (Drawing, Painting, Graphics Design, Photography and Art Education)
- Computer Programming, Web Development and Artificial Intelligence

CERTIFICATIONS / AFFILIATIONS

2024 **Applied Data Science Lab**

WorldQuant University

2024 **Software Development (Certification of Achievement)**

Successfully completed a 16 -week program in Software Development covering Python, Web Technologies, Database Management, Dart with Flutter and Soft skills, with specialisation in Python Development.

(Power Learn Project)

2024 **Advanced Cybersecurity Training for Teachers**

(Commonwealth of Learning, Canada)

2024 **Artificial Intelligence (AI) for Teachers**

(Commonwealth of Learning, Canada)

2024 **Attract Online Customers (Certification of Achievement)**

(Jobberman)

2024 **Grow Your Business (Certification of Achievement)**

(Jobberman)

2023 **Fellow of Ife Institute of Advances Studies (IIAS).**

(Obafemi Awolowo University, Ile Ife, Nigeria)

- 2023 **Practical Skills in Delivery of CCMAS in Online Environment**
(National Universities Commission)
- 2023 **Member of the International Research Group**
Headed by Prof. Juma Shabani, Prof. Peter Okebukola and
Prof. Sue Dale Tunnicliffe
- 2008 - 2011 **Microsoft Certified Technology Specialist (MCTS) .NET Developer**
(Microsoft Corporation)
- 2011 **Microsoft Certified Professional Developer (MCPD) .NET Developer**
(Microsoft Corporation)
- 2011 **Oracle Certified Professional Java Programmer (OCPJP)**
(Oracle University, Oracle Corporation)

PROFESSIONAL AND TEACHING EXPERIENCE

- 2022 – Current** **TEA Learn** (tealearn.org)
Creator of Technology Education Art (TEA) and courses developer
- 2008 - Current** **BenOnuorah.com**
Responsibilities: Freelance Software Engineer, Fine Artist, Graphic designer and Edu. Tech. expert
- Design and development of the Learning Management Software
 - Development of the Computer Based Testing Software
 - Development of the Digital Classroom system
 - Teaching Programming and Web Development: HTML, CSS, PHP, Java and C#
 - Web Design and Software Development
 - Computer graphics, Animation, and Illustration.
- 2020- 2021** **Utiva**
Responsibilities: Programming Faculty Member: Creating programming video lectures and teaching programming classes
- 2016-2017** **Daleware Institute of Technology, Lagos, Nigeria**

Responsibilities: Lecture ND1 and ND2 (100 and 200 Level) software engineering students on programming (C++ and Java), web development (HTML, CSS, JavaScript and PHP/MySQL). Set and administration semester test and examination

2015 – 2017 Soft Solutions Ltd, Lagos, Nigeria

Responsibilities: Software engineering consultant responsible for:

- Continuous development and maintenance of the existing Human Resources Management System. Modules worked on includes HR, Payroll, Leave and Appraisal Management Modules
- Worked with the front-end UI designer to implement the mobile responsive version of the developed software

2014 - 2015 Timglobal Institute of Technology, Lagos

Responsibilities: Part-time Web Design and Programming instructor

2012 – 2016 360 Businesses Intelligent, Ikeja, Lagos

Responsibilities: Worked with the SATTRAK team to re-engineer, design and develop the Fleets management system for Etisalat Nigeria.

2005-2008 Vizon Computer Institute, Lagos, Nigeria

Responsibilities: IT instructor and Web Designer

- Taught computer basic and Microsoft Windows Operating System 98, 2000, XP
- Taught Microsoft Office Packages; MS Word, MS Excel, MS Power Point and MS Access
- Taught desktop publishing using Corel draw and Adobe PageMaker
- Taught Web Design and Development using Microsoft Frontpage, HTML, ASP (Active Server Pages) with VBScript and JavaScript

2004-2005 Codespro Solution Ltd. (Formally HS System), Lagos, Nigeria

Responsibilities: Graphic Designer and Programmer

- Conceptualization of Design using sketches
- Using Macromedia (now Adobe) Fireworks to Design graphics, such as logo and web banner
- First programming experience using BASIC programming language, Microsoft Visual Basic 6.0 then later web programming

SKILLS AND COMPETENCIES

- Research, Data Analysis and Teamwork
- Creative, visualization and imaginative skills (Drawing, Illustration and Painting)

- HTML, CSS, Bootstrap, Web Graphics using Adobe Fireworks
- PHP, C#, ASP.NET, Python, Scikit Learn, TensorFlow and OpenCV

ART EXHIBITIONS

Solo and 2-4 persons show

- 2022, Fusion. A virtual reality exhibition, Sioni VR Gallery
- 2022, Ruminations. Gallery At The Landmark, Landmark Center, VI, Lagos.
- 2021, Home is Here and There, Artpedia Gallery Lekki, Lagos.
- 2021, Exploration of Pareidolia Phenomenon for Mixed-Media Painting, MFA Final Exhibition, University of Benin, Nigeria

Group

- 2024, Odun Osun Exhibitionz, by Yoruba Gallery, UK
- 2021 and 2019 Miniature Art Fair Lagos, by Ogirikan Art Gallery, at Mega Plaza Shopping Mall Victoria Island, Lagos.
- 2019 October Rain Art Exhibition, by Society of Nigeria Artists (SNA), Lagos State Chapter.
- 2018 October Rain Art Exhibition, by Society of Nigeria Artists (SNA), Lagos State Chapter.
- 2018 Guide of Nigeria Fine Artist 10th anniversary exhibition
- 2018, Uplifting Spirits, by Arts in Medicine, at Terra culture
- 2018, Ota Art Fair
- 2017, Sublime Conversations, an exhibition at IICD Artist in Residence
- 2017, Group Exhibition. Anastasis, Visual Arts Exhibition, organised by RCCG Olive Tree Parish, Banana Island Lagos.
- 2017, Union Bank at 100 Centenary Art Challenge; one of the best 100 Qualified Artists
- 2017, Artwork qualified for inclusion at the Ake Review (Arts and Book festival) magazine

AI / MACHINE LEARNING PROJECTS

Some of the machine learning research projects I have worked on with other researchers

Development and Implementation of Chatbot Model for Student Support System in Open and Distance Learning Institutions

With Prof. Juliana Ngozi NDUNAGU and Dr. Christy Ezeanya (National Open University of Nigeria) and Mba David Ugochukwu (Strategic Business Techspace)

Development an AI-based System for Real-time Detection and Prevention of Email Phishing Attacks

With Okoh Godwin Michael
MSc Cyber Security.

Enhancing DDoS Attack Detection and Prevention Using Machine Learning

With Augustina Amauchekwu Nnaji
MSc Cyber Security.

Detecting and Preventing Phishing Attacks Using Machine Learning Methods

With Taiwo Monsuru Agboluaje
MSc Cyber Security. Manchester Metropolitan University, UK

Artificial Intelligence for Fraud Detection in Financial Transactions

With Kolawola Adegbeiyeni
MSc Cyber Security. Manchester Metropolitan University, UK

TEA Artificial intelligence Evaluation Portal (TAIEP)

I developed an artificial intelligence model which uses a Computer Vision (CV) algorithm to evaluation students' drawing assignments for my PhD research.

Part-time AI faculty member at Strategic Business Techspace (SBT)

I teach several ML/AI courses at this tech hub using python, flask, sklearn, pandas and TensorFlow

RESEARCH PUBLICATIONS

1. International Research Group (IRG) Second International Conference Registration
"Effect of TEA (Technology-Education-Art) AI Application on Students' Attitudes Towards Biological Drawing in Lagos, Nigeria"
Date: June 11 – 12, 2024
2. Association for the Advancement of Artificial Intelligence (AAAI) and Social Impact of AI for Africa (SIAI)
"Impart of Technology-Education-Art (TEA) AI and web application on the attitude of higher institution students in biological drawing in Lagos, Nigeria"
URL: <https://www.siai.co/program/videos#h.g5xb3u4vgkdq>
Date: February 20 – 27, 2024
3. Educational Technology Research and Development
"Technology-Education-Art: the perception of students in Nigeria toward the use of AI and web technology in learning visual art drawing"
Submitted
4. International Research Group (IRG) First International Conference Registration
"Development of Technology-Education-Art (TEA) Application and Exploration of its Impart on Students' Attitude towards Biological Drawing"
Date: July 11 – 12, 2023
5. Benjamin, O., Badmus, A. M. and Salawu, I. O (2020)
"Effects of computer animation on academic performance of technical college students in

visual arts concepts in Lagos state, Nigeria",
AAUA Journal of Science and Technology Education, Vol 3, No 1, pp 91 - 101.

6. Benjamin, O (2015) "Change in ICT usage for Educational Development in Nigeria"
2nd National Conference, School of Technical Education,
Yaba College of Technology in affiliation with University of Nigeria, Nsukka.

REFEREES

Distinguished Emeritus Professor Peter Okebukola, OFR

Lagos State University
Professor of Science and Computer Education
+2348022904423
pokebukola@yahoo.com

Dr. Adeola Balogun

Yaba College of Technology
Senior Lecturer
+2348023142418
adeolabalogun.66@gmail.com