NYOHO, EMMANUEL ETIM

Mbiabong Ikot Essien Etoi, Uyo.
0808 069 8534 | 0703 880 0147
emmahnywills@gmail.com
www.codilax.com

A passionate Computer Scientist equipped with extensive experience in windows operating system, Microsoft packages, windows programming, web development, android mobile development, firebase, fuzzy logic systems, machine learning, deep learning, data analytics, database management systems, data security, and UI/UX design.

Career Objective

To be able to qualify for any post related to my field of specialization (Computer Science).

Education and Qualification

Tertiary

- Master of Science in Computer Science (M.Sc)
  University of Uyo, Uyo.   2015 – 2018

- Bachelor of Science in Computer Science (B.Sc)
  University of Uyo, Uyo.   2006 – 2012

Secondary

- Etoi Secondary School
  Mbiabong Etoi, Uyo.   1999 – 2004

- Comprehensive Secondary School
  Okobedi Okobo, Okobo.   2005

Primary

- First School Leaving Certificate (FLSC)
  Methodist Primary School
  Mbiabong Etoi, Uyo.   1992 – 1998

Personal Details

Date of Birth	20th June 1986
Place of Birth	Methodist Hospital, Ituk Mbang, Uyo
Gender	Male
Marital Status	Single
L.G.A of Origin	Uyo
State of Origin	Akwa Ibom State
Nationality	Nigeria
Religion	Christianity
Email	emmahnywills@gmail.com

Hobbies

- Coding
- Computer Gaming
- Researching

Work Experience

- Oye Egbo High School, Oye Ekiti
  Computer Teacher

- ShareQube, Akwa Ibom State
  Software Engineer/Instructor

- Uyo City Polytechnic, Akwa Ibom State
  Lecturer II (Computer Science)

- Obong University, Akwa Ibom State
  Assistant Lecturer (Computer Science)

- Topfaith University, Akwa Ibom State
  Lecturer II (Software Engineering)

2012 – 2013

2013 – 2014

2019

2020

2021 – Date

Programming Languages

- Java
- Python
- R
- C++
- Dart/Flutter
- PHP
- Javascript
- HTML
- CSS

Publications

1 Umoh, U. A., **Nyoho, E. E.** (2012). Design of Pattern Recognition System for Fingerprint Identification and Verification: An Automated Fingerprint Digital Time Book Application. World Journal of Science and Technology (WOJAST). 4(2):141-149.

2 Umoh, U. A. and **Nyoho, E. E.** (2015). A Fuzzy Intelligent Framework for Healthcare Diagnosis and Monitoring of Pregnancy Risk Factor in Women. Journal of Health, Medicine and Nursing (JHMN), 18, 97-112.

3 Umoh, U. A., Usip, P. U. and **Nyoho, E. E.** (2016). Hybrid Intelligent Pregnancy Risk Level Prediction. Journal of Computer Science and its Applications, 23(2): 64-74.

4 Umoh Uduak, Usip Patience, **Nyoho Emmanuel** (2017). A Hybrid Model of Type-1 Fuzzy System and Particle Swarm Optimization for Healthcare Diagnosis and Monitoring. NIWIT 3rd International Conference and 1st Workshop on Women and ICT Veritable Tools for Sustainable Economy. 1-12.

5 Umoh, U., Udoh, S., Isong, E., Asuquo, R. and **Nyoho, E.** (2019). PSO Optimized Interval Type-2 Fuzzy Design for Elections Results Prediction. International Journal of Fuzzy Logic Systems (IJFLS), 9(1): 1-19.

6 Umoh, U., Udo, E. and **Nyoho, E**. (2019). Support Vector Machine-Based Fire Outbreak Detection System. International Journal on Soft Computing, Artificial Intelligence and Applications (IJSCAI), 8(2): 1-18.

7 Umoh, U., Inyang, U. G. and **Nyoho, E. E.** (2019). Interval Type-2 Fuzzy Logic for Fire Outbreak Detection. International Journal on Soft Computing, Artificial Intelligence and Applications (IJSCAI), 8(3): 27-46.

Publications (Cont.)

8. Edward Udo, Etebong Isong, **Emmanuel Nyoho** (2020). Software Defined Networking Framework for Campus Network Management. International Journal of Computer Science and Network (IJCSN), 9(4): 167-174.

9. Etebong Isong, Edward Udo, **Emmanuel Nyoho** (2020). COVID-19 Prediction: A Comparative Analysis of Machine Learning Models. Global Scientific Journals (GSJ), 8(10): 1568-1594.

10. Umoh, U. A., Inyang, U. G., **Nyoho, E. E**. (2020). A Hybrid Framework for Fire Outbreak Detection Based on Interval Type-2 Fuzzy Logic and Flower Pollination Algorithm. In Book: Soft Computing for Problem Solving 2019. Advances in Intelligent Systems and Computing, 1139, 27-45.

11. Uduak Umoh, Ubong Umoh, Imoh Eyoh, **Emmanuel Nyoho** (2021). A Comparative Analysis of k-Nearest Neighbor, Support Vector Machine and Random Forest for Crime Event Type Prediction. 4th International Conference on Information Technology in Education and Development. 64-73.

Additional Information

- Awarded the **"Programmer of the year 2012 Award"** for my performance in software development by the National Association of Computer Science Students (NACOSS)

Published the following software on Google Play Store;

- Student's Lecture Scheduling System on android mobile device
- Computer Science Mobile-based Departmental Handbook for Department of Computer Science, University of Uyo.

Self-taught in the following skills;

- Dart/Flutter
- Bootstrap
- Pinegrow
- PHP

- Javascript
- Typescript
- CSS
- React/Next.js

- Arduino
- HTML
- Node JS
- Electron

Very conversant with a wide variety of operating system;

- **Windows operating system**
  - XP, Vista, Windows 7, Windows 8, Windows 10

- **Mac OS**

- **IOS**

Computing Skills

- Deeper knowledge of Microsoft Packages
  - Microsoft Office Word
  - Excel
  - PowerPoint
  - Access, etc.
- Web Development
  - PHP
  - Java EE
  - Typescript
  - JavaScript
  - HTML
  - CSS
  - Node JS
  - React/Next.js
- Software UI/UX design using
  - Pinegrow
  - Java Scene Builder
  - Bootstrap
  - Invision
- Graphics design
  - Corel Draw
  - Figma
- Android Mobile Application development

- Developed several machine learning models including;
  - Support Vector Machine (SVM)
  - K-Nearest Neighbor (KNN)
  - Random Forest
  - Classification and Regression Tree
  - Linear Discriminant Analysis (LDA)
- Windows Software Development
  - Java
  - Dart
  - C++
  - Python
  - R
  - Visual Basic
  - Fortran
- Very conversant with Integrated Development Environments (IDEs)
  - Netbeans
  - R Studio
  - Visual Studio Code
  - PyCharm
  - Android Studio
- Good level of Database Knowledge
  - MS Access
  - MySQL
  - Firebase
  - NEDB

Personal Software Projects

Mobile-Based accident detection and rescue support system

Mobile-Based Departmental Handbook (Computer Sc., Uniuyo)

Maternal neonatal and Child Health information System

Efficient Search using **N-Gram algorithm** in Nigerian Slang Dictionary

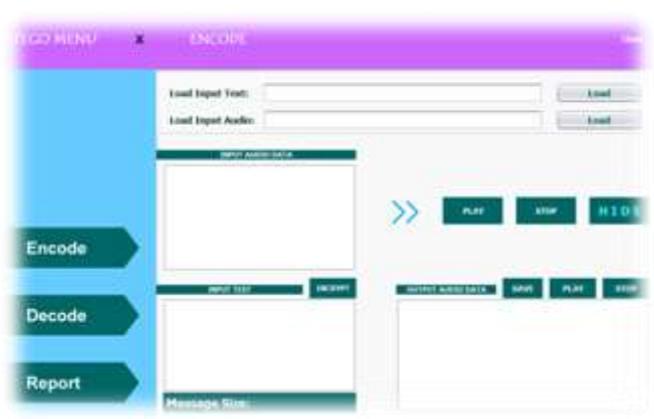Real-time mobile car tracking system using **Google Cloud Firebase and GPS**

Cloud-based patient vital signs monitoring for shock prediction

Intelligent fire outbreak detection system using **Interval Type-2 Fuzzy Logic algorithm**

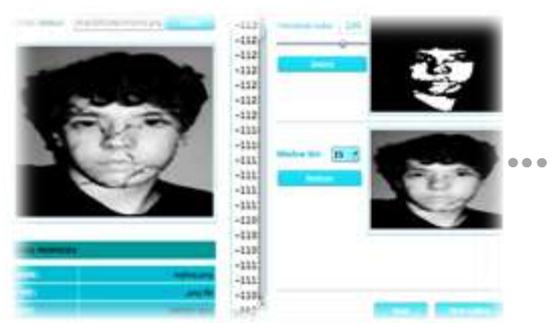Student result processing system using **HTML, CSS, Typescript, Angular, and NEDB**

Data Security via a hybrid technique of **data encryption** and **audio steganography**

Quality of Service Evaluation in Ad-Hoc Wireless Network using **IT2-FLs**

Interval Type-2 Fuzzy Logic (IT2-FL) algorithm for Efficient Applicant Ranking and Selection

Multi-Dimensional **Median Filter** and Threshold Algorithm for Image Crack Detection and Restoration of Digitized Paintings

Referees

- Professor Uduak A. Umoh, Department of Computer Science, University of Uyo, Uyo. Akwa Ibom State.
  0812 - 206 - 4911

- Professor Udoinyang G. Inyang, Department of Computer Science, University of Uyo, Uyo. Akwa Ibom State.
  0803 - 668 - 8711

- Professor Okure U. Obot, Department of Computer Science, University of Uyo, Uyo. Akwa Ibom State.
  0803 - 353 - 5945