

# Martins ANERUA

39 Muritala Street, Festac, Lagos, Nigeria • +2348162428445 • [aneruamartins@gmail.com](mailto:aneruamartins@gmail.com)  
<https://www.linkedin.com/in/martins-anerua> • <https://aneruam.herokuapp.com>

## Profile

---

Excellent problem solver and critical thinker with a solid background in software engineering and a strong desire to keep learning, with the aim of developing solutions that add value.

## Education

---

December 2021  
Osun State, Nigeria

**Bachelor of Science, Electronic and Electrical Engineering**  
**Obafemi Awolowo University, Ile-Ife**

June 2014  
Ogun State, Nigeria

**West African Senior School Certificate**  
**O'tega International School, Ibafo**

## Experience

---

Sept 2019 – Feb 2020  
Victoria Island, Lagos

**ICSS and Instrumentation Intern**  
**Total E&P Nigeria Limited**

- Improved offshore monitoring activities through the development of two dashboards that keep track of process variables of the FPSO's subsea system.
- Generated a daily alarm report and highlighted critical alarms, thus ensuring early detection and resolution of system faults on the FPSO.
- Partook in a field trip to the deep-water offshore facility, during which valuable experience relating to process control and instrumentation was gained.

Feb 2019 – Apr 2019  
Ile-Ife, Osun

**Research and Development Intern**  
**iLabs, Obafemi Awolowo University**

- Developed counter modules in VHDL that served as building blocks for the different modules developed by others in the team.
- Developed various basic hardware components in VHDL as part of a team effort to test the functionalities of the Nexys A7 FPGA.
- Designed and implemented a mouse-controlled VGA animation on the FPGA that demonstrated clearly, its excellent capabilities in graphics processing.

# Projects

---

August 2021

## Email client

<https://anerua-mail.herokuapp.com>

- An email client that makes API calls to send and receive emails.  
*Python, JavaScript, Django, API, Database*

July 2021

## eBay-Like e-Commerce Auction Site

<https://anerua-commerce.herokuapp.com>

- An eBay-like e-commerce auction site.  
*Python, JavaScript, Django, Database*

November 2020

## Sudoku Puzzle Solver

<https://github.com/anerua/Sudoku-Solver>

- Program that implements a straightforward depth-first search algorithm to solve a valid Sudoku puzzle in less than a second, written in *Java*.

October 2020

## 15-Puzzle Solver

<https://github.com/anerua/15-Puzzle-Solver>

- A 15-puzzle solver program that implements the A\* algorithm, written in *C++*.

June 2020

## Tic-Tac-Toe Player

<https://github.com/anerua/Tic-Tac-Toe>

- Tic-tac-toe game player that utilizes the mini-max algorithm with alpha-beta pruning, written in *Python*.

# Skills

---

## Technical Skills

- Proficient in Java, Python and C++
- Adept in JavaScript, HTML & CSS
- Knowledge of various algorithms and data structures
- SQL, Django, React, Git, Linux, Cloud services, CI/CD, Docker

## Soft Skills

- Critical thinking
- Team player
- Problem solving
- Time Management
- Creativity

## Languages

- Bilingual English and Etsako
- Conversational Yoruba

## Certifications

- HUET with CA-EBS Certification

# Hobbies

---

- Playing puzzle games
- Reading novels