

Samuel Oladaiye

817.773.6046 • Dallas, TX 75249 • aoladaiye22@gmail.com • www.linkedin.com/in/DerinSamOladaiye

EDUCATION

Computer Engineering (BSc)

Aug 2016-Dec 2020

University of Texas Arlington, Arlington TX

Coursework

Operating Systems, Embedded Systems, Algorithms and Data Structures, Circuits and Signals, Quantitative Computer Architecture, IOT and Networking, Real Time Operating Systems, Senior Design, Digital Logic.

CRITICAL SKILLS

Programming Languages

C programming, Python, C++ , Java, MATLAB, Verilog, Arm Assembly, Micro-Controller Operating System, HTML5, CSS, JavaScript, NodeJS, ReactJS, Redux, WordPress(ACF), Bootstrap, PHP, REST API, MySQL, AWS.

Operating Systems

Linux (Ubuntu), Windows, MacOS

Technologies Used

NetBeans, Quartus Pro, MS Word, Excel, PowerPoint and Access, Code blocks, Robot Operating System, Photoshop, Illustrator, Xcode, Android Studio, Figma

Soft Skills

Problem solving, Team player, Time management, Detail Oriented.

WORK EXPERIENCE

Daab Solutions – Dallas, TX

Jan 2020 –Present

WordPress Developer

- Designed, developed, and implemented functional and easy-to-use websites.
- Updated branding and logos and established branding guidelines.
- Designed simple unique UI/UX Designs to be responsive to mobile, tablet, and desktop interfaces using **Figma, and Adobe Photoshop**.
- Implemented online resource for processes, education, and reference.
- Curated and managed web, content, and learning/leadership efforts.
- Integrated and migrating web functionality with internal legacy and planned systems.
- Provided insight regarding intranet, internal development, customer service, and operations.
- Developed custom plugins, and WordPress themes for variable projects.
- Technologies used: **WordPress, HTML, CSS, Python, Adobe (InDesign, Illustrator, Photoshop), REST API, PHP, JavaScript, jQuery, Bootstrap, Figma, AWS, MySQL.**

Microconcept Techniques Associates- Nigeria

Dec 2017 - Jan 2019

Volunteer (Computer Engineer)

- Assisted in the development and implementation of an application solution using C++ or Python for a POS device for the regulatory returns to the Central Bank of Nigeria and implemented solutions.

SIDE PROJECTS

- **Developed Custom WordPress theme for an online University**
The theme works on WordPress, and the notable feature is to create account for different types of users like “Student” and “Professors”.
- **Developed a Mini Social web Application with NodeJs**
The web application is similar to match.com, but with minimal features.

ACADEMIC PROJECTS

- Real Time Operating System Sep 2020 - Dec 2020
Used Embedded-C language on a TivaWare micro-controller to simulate a preemptive operating system of tasks in a scheduler.
- Senior Design Project Sep 2019 – May 2020
Implemented an autonomous feature on a lawnmower primarily coded in C++ through the Robot operating system to drive a lawnmower manually or autonomously.
- Heap Management Apr 2019
This program implemented the Best fit, Next fit and Worst fit algorithms in the C programming language to manage memory blocks on a Linux machine.
- Parallel Programming Apr 2019
This program simulated the process management abilities of an operating system by using the C language.
- Bash Shell Scripting Apr 2019
Used C programming language to develop a program that creates a bash shell and implements executable functions that works like a Linux terminal.
- Colorimeter for a TivaWare Micro-Controller Apr 2019
Soldering a color detecting hardware and interfacing it with a TivaWare micro-controller with code written in C.
- Java Server Development Dec 2018
Used Java to manage a server-side application for a website and monitor HTML states codes and understand what they mean.
- Android App Development Dec 2018
Used C++, Spotify API and Android studios to create an app that acts like a jukebox for events that attendees can manipulate.

CERTIFICATIONS

- Introduction to Real Time Operating System - Udemy July2020
Using an Embedded C library called Micro-C OS II to learn how multitasking works in an operating system.
- Introduction to Web Development- Coursera Feb 2021
Using CSS, JavaScript, and HTML to learn the basics in developing a website from scratch.
- Build a Full Website using WordPress- Coursera March 2021
Using WordPress learnt how to a design website.

AWARDS AND HONOURS

- Innovation Day University of Texas at Arlington- First Place Prize May 2020
With the help of a team designed and implemented an autonomous feature for a lawnmower using C++ and ROS