AYANLEYE S. OLUWATOYIN
CYBERSECURITY TRAINEE

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Summary

A self-motivated student interested in Cybersecurity and Embedded Systems aspiring to be a Penetration Tester, skilled in scripting, web vulnerability assessment, network security, firmware development and embedded application development. Continuously improving myself on platforms like HackTheBox, TryHackMe, PawnTillDawn and VulnHub. Currently studying for my OSCP Certification.

Skills

LANGUAGES AND FRAMEWORKS: Python, C, C++, Bash, Powershell, Yocto
TOOLSETS AND OS: Linux, Windows, GitHub, Git, Wireshark, Nessus, VMware
HARDWARE: Reading Schematics, Circuit Prototyping, Referencing HW datasheets

Hacking Platforms

TryHackMe
Nov. 2020 to Current
NullCell - tryhackme.com/p/NullCell
TryHackMe is a free online platform for learning cyber security, using hands-on exercises and labs, all through your browser

HackTheBox
Feb. 2021 to Current
NullCell - hackthebox.eu/home/users/profile/462764
Hack The Box is a massive, online cyber security training platform, allowing individuals, companies, universities and all kinds of organizations around the world to level up their hacking skills

PwnTillDawn
Jan. 2021 to Current
NullCell - online.pwntilldawn.com/Achievements/2087
PwnTillDawn Online Battlefield is wizlynx group's vision of the next-generation offensive security & Penetration testing lab but also capture-the-flag competition

Projects

Visis Glasses
-Prototype product for Vinsighte Technology, which is their product for the visually impaired

Sensors and Modules Drivers
-Writing drivers for my sensors and modules based on the STM32 HAL library

Vixen Modular Pet
-A modular robotic pet with obstacle detection and 2 behaviors, based on the TIVA LaunchPad

Ardupilot Based Drone
-Made a drone using the ardupilot flight controller and adding a master microcontroller for control

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Deep Learning on STM32
-Deploying deep learning models using tensorflow and keras on the STM32, such as a light following robot, cat/dog identification and the iris dataset

Unmaned Ground Vehicle
-An autonomous tracked UGV for a final year project, based on an Arduino Mega

Education

University of Ibadan
Feb. 2017 to Current
B.Sc Electrical and Electronics Engineering 2022

The International School Olabisi Onabanjo University, Ago-Iwoye
Sept. 2012 to July 2016

Trinity International College, Ofada
Sept. 2010 to July 2012

Employment

Linux Professional Institute Innovation Hub
Intern

Appleton Road, Ibadan
Mar. 2020 to Dec. 2020

Aiding in the development of embedded projects for members and their clients as well as teaching Embedded Systems and training in Cybersecurity

Vinsighte
Embedded Software Developer

Appleton Road, University of Ibadan, Ibadan
Oct. 2019 to Apr. 2020

Development of prototype for reading glasses for the visually impaired

Works and Maintenance Department, UI
Intern

University of Ibadan, Ibadan
Mar. 2019 to May 2019

Installation and maintenance of University electrical equipment

Volunteering

H4x Ethical Hacking Group · Founding Member
University of Ibadan

Jan. 2021 to Current

IEEE-UISB · Embedded Team Lead
University of Ibadan

Oct. 2019 to Current

Awards

CampusLabs with US Embassy · Hackathon Winner

Apr. 2019

A disability hackathon to find solutions to help people with various kinds of disabilities.

Hult Prize Foundation · Hult Prize

Oct. 2018

Hult prize UI for creating jobs for 10,000 people withing the next 10 years.