

Olawale Onabola

I have proficiency in the MERN stack, Android Development. Academic research interests include Encrypted and Decentralized Artificial Intelligence, Deep Learning, Computer Vision.

EXPERIENCE

Sola Areogun Ministries, Nigeria — Intern

NOVEMBER 2015 - AUGUST 2016

Developed and published 2 Android apps on the Play Store. Developed and deployed a Nodejs backend. Built a web client for an Icecast Server.

iQube Labs, Lagos — Software Engineering Intern

JULY 2013 - AUGUST 2013 (ON-SITE) - APRIL 2014 - MAY 2015 (REMOTE)

Software (Asterisk, as part of a full-fledge IP-based Communications and Media Platform) evaluation, learnt and built two web apps with CakePHP and Laravel. Review of graphLab, study of protocols such as SMTP, and algorithms such as DFS

EDUCATION

Coursera — Deep Learning Specialization

MARCH 2018 - till date

Related Courses include Neural Networks and Deep Learning, Structuring Machine Learning Projects, Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Convolutional Neural Networks, Sequence Models.

Obafemi Awolowo University, Nigeria — Bachelors of Science in Electrical and Electronics Engineering (Hons, 2:1)

FEBRUARY 2012 - APRIL 2017

Related Courses include Computational Structures, Probability and Stochastic Processes, Statistics for Engineers, Applied Quantum Mechanics, Signals and Systems, Digital Signal Processing

Co-Creation Hub, Nigeria — Design and Development of Mobile Applications

JULY 2 - 27, 2013

A 4-week course on Design and Development of Mobile Applications Related Courses include MongoDB, Web Applications development, Cross-Platform Development, Introduction to J2EE, Foundation of Software Development, UI/UX Design

PMCRG (Pervasive Mobile Computing Research Group), Nigeria — Mobile Training Course

FEBRUARY 25 - MARCH 29, 2013

A 5-week Mobile Training Course Related Courses include Java Programming Language, Android Development, J2ME programming.

OPEN SOURCE PROJECTS & CONTRIBUTIONS

OpenMined — (www.openmined.org)

-Implemented the inline max function for IntTensor on the CPU

-I am an official contributor to this project on Github.

Tools/Technologies: Python, C#, Jupyter Notebook, Unity3D.

Spectrum Sensing (GNURadio)

Modified the `usrp_spectrum_sense` python script. It basically scans the radio spectrum and can scan wideband frequencies and output the data to a file.

Tools/Technologies: GNURadio, Python

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RECENT WORKS

SOAR ePay - An Android payment app recently published on the store. I built both the frontend (the android app) and the backend in Nodejs.

Tools/Technologies: Java, Android, Nodejs, Express

DC iRadio Web app - I built an isomorphic web app (server-side rendered app) using Reactjs

(www.dciradio.org).

Tools/Technologies: Reactjs, MongoDB, GraphQL, Apollo, Nodejs, Express, Git.

AWARDS

Codility Silver Award (Nickel 2018)

AGBAMI Special Medical And Engineering Professional Scholarship - 5 times recipient,
NNPC/MPN Scholarship Award - 3 times recipient

ACTIVITIES & AFFILIATIONS

Hackathon Developer at Riby Finance - Worked with a team of developers on a Nigerian Government sponsored project between the 27th and 29th of January, 2017.

Google Student Ambassador - Class of 2014/2015

Facilitator at the Android Study Group at Osun State University

Google Student Ambassador (Sub-Saharan Africa)

Summit @ Accra -

Participated in the 3 day summit between 11th and 13th of August, 2014

IEEEExtreme 2014 - Led my team to rank top 5 in Nigeria

Member of Black In AI (BAI)

HANDLES

Github: [walexix](#)

Kaggle: [walexix](#)

TopCoder: [walexix4great](#)