NNADOZIE OKEKE

Not your average Software Engineer!

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📍 105 Opebi Road, Ikeja, Lagos State

WORK EXPERIENCE

Teaching Assistant

Queen Mary University of London   📅 10/2017 - 01/2018   📍 London

- Guided his students through their microprocessors systems design lab exercises.
- Reviewed lab materials before each lab to be better prepared for their questions.
- Graded their lab coursework and provided written feedback.

Software Engineer

IBM Hursley   📅 07/2016 - 07/2017   📍 London

- Worked under David Cousins in the API Connect team.
- Successfully awarded two patent applications.
- Wrote Bash and Groovy scripts for Jenkins to automate team processes such as adding team member's git authentication keys to an authentication file, and clearing the team's storage server of obsolete files.
- Implemented dashboards, using a Sinatra based framework called Dashing, which displayed customer support, machine monitoring, task allocation, and quality assurance information.
- Performed migration tests for WebSphere Service Registry (WSSR).
- Performed accessibility tests for three components of the API Connect product: API Manager, Cloud Manager Console, and Dev Portal.
- Wrote unit tests for a Node.js IP allocation application.

EDUCATION

BEng - Electrical and Electronics Engineering with Industrial Experience

Queen Mary, University of London   📅 09/2014 - 06/2018

- A's in these programming modules: Java based Procedural Programming, C programming, and Assembly language based Microprocessors Systems Design.
- Committee member, AI and Robotics Society, 1st and 2nd year.
- Student, QMUL Confucius Institute, 1st and wnd year.
- Committee member, Queen Mary IEEE Student branch, 2nd year.
- Course representative, final year.
- Swimming team member, final year.

International Science and Engineering Foundation Programme [Distinction]

Queen Mary, University of London   📅 09/2013 - 06/2014

- International Science and Engineering Foundation Programme [Distinction]
- International students' course representative.
- Participant, QMUL students as producers programme.
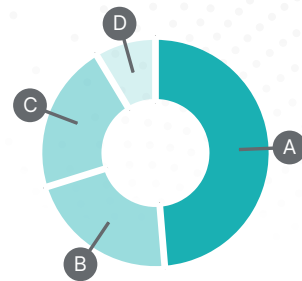- Volunteer, The Cedars School Croydon.

MY TIME

- Ⓐ Coding
- Ⓑ Writing
- Ⓒ Long Distance Running
- Ⓓ Reading

MOST PROUD OF

- 💎 Rank 1 on Hackerrank's Coding for Interviews Challenge in London, UK.
- 💎 Participant, Facebook London Regional Hackathon 2017.
- 💎 Participant, Royal Engineering Grand Challenge 2017.
- 💎 Participant, NASA Space Apps Challenge 2016 and 2017.

VOLUNTEERING

Volunteer

The Cedars School Crydon

📅 09/2013 - 06/2014

TECHNICAL EXPERTISE

Python

Java

C

HTML

CSS
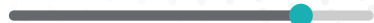
Ruby

8051 Assembly

Angular

Dashing

Bash

VHDL

Docker

Jenkins

Google Cloud Platform

Ubuntu

Arduino

Git

VMware

REFERENCES

Available on request.

PROJECTS

Personal Website

London, UK
- Built using Angular and Semantic UI and hosted on Google Cloud Platform.
- Served with a Node.js server.

Router Simulation

London, UK
- Built entirely in C and run locally in a terminal.
- Stimulates packets passing through layers 2 and 3 of the OSI model.

Obstacle avoidance rover

London, UK
- Developed with an Arduino using the Arduino IDE.
- Obstacles are detected using a sonar sensor.

UR5 Robotic Arm Test Environment

London, UK
- Developed using C++, Python and the Robotic Operating System.
- Provides a safe way to test code developed for Queen Mary's UR5 robotic arm.

LANGUAGES

| English | Native | ● ● ● ● ● |
| Igbo | Intermediate | ● ● ● ● ● |