CHINEDU ABALOGU

EMAIL: chineduabalogu@yahoo.com

WEBSITE: mrabalogu.github.io

CONTACT: 07477598533

EXPERIENCE

Filter land Industry
Electrical Engineer Intern: Summer 2012, 2013 & 2014

- Prepare electrical drawings and specifications.
- Manage project schedules and budgets, and obtain permits for operations.
- Make engineering calculations in connection with field and office assignments.
- Investigate problems and recommend solutions.
- Ensure compliance with safety requirements and standards procedures.
- Prepare requests for proposals and evaluate bids.
- Estimate cash flow projections.
- Perform highly specialized design, research, and analysis on a project-by-project basis and advise on code compliance.

Arduino Smart-Watch: http://mrabalogu.github.io/blogs.html
Lead Hardware Developer: March 2015 – present

- Currently leading the development of a fitness Smart watch that will enable the user keep track of his fitness activity.
- Arduino micro-controller is used as the central processing unit
- Implemented the Gait tracking feature using the MPU-6050 component, which contains both a MEMS accelerometer & MEMS gyro.
- The Smart watch also has the maximal beep test implemented
- Companion application on Android OS where all the results are stored for progress tracking.
- Bluetooth HC-06 module used to connect the Smart watch with Android device via Bluetooth.

ACN Inc.
Independent Business Owner: Nov 2013 - present

- Team Trainer.
- Work as an independent sales agent.
- Make money off commission.

Generic Scientific Calculator
Lead Android Developer

- Practiced Android development making a generic calculator that does simple calculations (Multiplication, Addition, Subtraction, roots etc.)
- Heavily involved in both the design & Implementation
- Git: https://github.com/MrAbalogu/ScientificCalculator

Personal Portfolio: http://mrabalogu.github.io/
Web developer

- Built a personal portfolio to practice web development [HTML & CSS]
- Responsive Web design implementation using media queries
- CSS image manipulation and JavaScript Back-End development
- Google Analytics.

EDUCATION

University of Nottingham Sept 2012 – Jul 2015
B.Eng. Electrical & Electronics Engineering

Relevant Modules: Electronic Design, Embedded Computing, Power Electronic Design and Control System Design, Web Based Computing (JAVA), Telecommunications Electronics, Business Planning for Engineers.

Bridge-house College   Sept 2011 - 2012
Foundation degree in Science
- Most outstanding student in Physics

Corona Secondary School
Obtained my IGCSE O-Levels with a distinction
- Best student in Further math & physics

SKILLS

Programming
C, C++, JAVASCRIPT, JAVA (Android), Embedded Software Coding and OS Programming, html & CSS.

Design
Photoshop, Sketch, Balsamiq

EXTRA-CURICULLAR ACTIVITIES

Fitness: Fitness is my release from the stress of school and everyday life. Frustration, anger, or depression: Working out helps calm my nerves. It gives me an outlet for all my emotions and makes me generally happier. It also gives me confidence.

ART (Sketching & Painting): Art makes me happy cause I can draw whatever I want in a way it expresses my feelings. There is no right and wrong, you can do whatever you want and it's still art.

Photography & Videography: I have a really nice EOS 5DS Canon camera that I play with; I usually get invites to cover small events and family/friends dinners. I also make videos with 'Final Cut Pro' & 'Motion 5' which I'm still quite rusty at.