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
- Lead the development of a fitness Smart watch that enables 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.

DISE Ltd
Co-Founder, developer & designer   January 2014 – June 2015
- Co-founded Dise, a small team of 5 which specializes in high quality mobile & web development. All products have a total of 20k downloads.
- Built the Nottingham Economics & Finance Society app and was responsible for building the REST API and a custom Content Management System. – bit.ly/NefsUoN
- Collaboratively Developed the University of Nottingham week one app in partnership with the University of Nottingham student union intended to improve the week one experience for freshers starting university. bit.ly/uonwelcomeapp

Fame Scan
Lead Web developer   August 2014 – present
- Currently building a web application for comparing celebrity net-worth "check who is richer?".
- Using the react.js library to build the interface and skeleton framework for a responsive layout.
- Less for css styling and strictly javascript language for web interaction

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

AWARDS / ACHIEVEMENTS

Sparks Notts best business idea - Winners
- This scholarship is awarded to talented and creative students developers with the opportunity to attend the 2015 WWDC Event in San Francisco.

EXTRA-CURICULLAR ACTIVITIES

Fitness: Fitness is my release from the stress of school and everyday life. Frustration, anger, or depression: It also gives me confidence.
ART (Sketching & Painting),
Photography & Videography: I have an EOS 5DS Canon camera that I work with; I get invites to cover small events and family/friends dinners. I also make videos with 'Final Cut Pro' & 'Motion 5'.