CHINEDU ABALOGU

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EXPERIENCE

Filter land Industry
Lead Software Engineer: Sept 2015 - present
- Building and maintaining their online presence. Solely built their website using bootstrap template http://filterlandindustries.com
- 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.
- Currently building factories stock accumulator web application that will keep track of products in stock, monthly sales, monthly production etc. using Ruby on Rails.

Arduino Smart-Watch:
Lead Hardware Developer: March 2015 – present
https://docs.google.com/document/d/19PMQ__TyIVImbjAyMI67qrFXbG3A8gGrrogVrIYTbCc/edit?pli=1
- Lead the development of a fitness Smart watch that enables the user keep track of his fitness activity.
- Arduino micro-controller 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.

Web Projects
Rails Blog
- Built a rails blog for multiple clients
- User can create, update, edit and delete post
- Blog features: http://chineduabalogu.com/single.html
- Hosting done on heroku, database Amazon Azure
- Some client on-going projects:
- https://ruthpoints-blog.herokuapp.com/
- http://everydaypeoplebylydia.co/

Fame Scan
- 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

ACN Inc.
Independent Business Owner: Nov 2013 - present
- Team Trainer.
- Work as an independent sales agent.
- Make money off commission.

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, Python & Ruby on Rails

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'.