



UCHECHUKWU

Ajuonuma

Mechanical Design Engineer

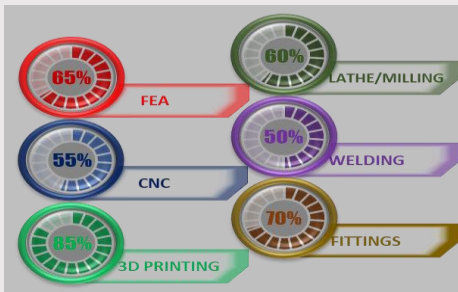
CONTACT

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✉ ucheartistotle@gmail.com

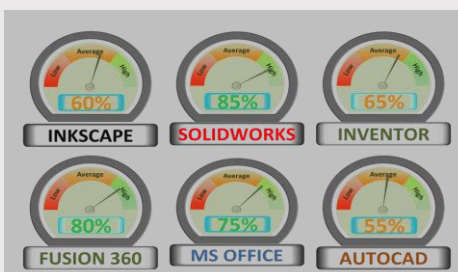
PROFESSIONAL SKILLS

- ⚙ Business Communication
- ⚙ Design Thinking
- ⚙ Blueprint Reading & Interpretation
- ⚙ Team Playing/Leadership
- ⚙ Strategic Planning
- ⚙ Project Management
- ⚙ Root Cause Analysis
- ⚙ Production Cost Analysis

TECHNICAL SKILLS



SOFTWARE SKILLS



A dynamic leader with vast experience in product design/development, design thinking, business development, critical thinking, public speaking, sales and marketing initiatives that align with corporate and industrial capabilities, strategies and goals. An excellent team player with strong interpersonal skills and ability to mobilize different stakeholders around a common agenda. Detail-oriented and high technical proficiency in design engineering programming. Seeking new challenges in an industry leading organization.

EDUCATION

Imo State University—Owerri, Imo State, Nigeria: **Bachelor of Engineering (B.Eng.)**, CGPA: 4.11/5.00, 12/2012

Ideato Technical Craft College – Obiohia, Imo State, Nigeria: **National Technical Certificate (NTC)**, Grade: Distinction, 08/2001

WORK EXPERIENCE

Co-founder

CoMakers Africa: 2017/08 – Present

- ⚙ I co-lead a community of makers, hardware developers and innovators across Nigerian communities.
- ⚙ I design the curriculum and program of CoMakers Africa
- ⚙ I raise funding for the sustainability of the makerspace through campaign and donation
- ⚙ I mobilize the heterogeneous team of makers towards the solutions of complex challenges
- ⚙ I lead the community mobilization campaign
- ⚙ I convene a community of hardware developers called “Hardware Nigeria Community (HNC)”




General Manager

Solomento Auto Servicing Center: 2018/12 – 2020/01

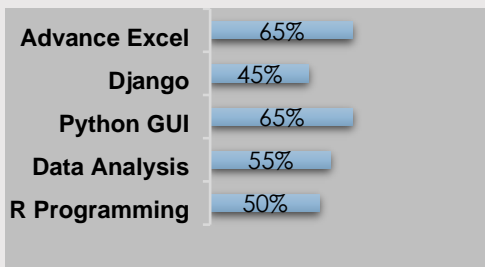
- ⚙ Assigned & schedule work duties to the staff according to their skills
- ⚙ Oversaw the recruiting, orienting, & training of technicians to ensure a capable repairs unit.
- ⚙ Built relationships based on trust among the team, creating respect for others, enabling collaboration
- ⚙ Conveyed the organization’s vision, set clear priorities, motivated & persuaded the entire team
- ⚙ Facilitated discussion & debate, win-win negotiations with our customers and stakeholders and managed effective meetings
- ⚙ Reported on bi-weekly basis to the directors through a well-concise report format and data rich presentations with clear action plans
- ⚙ Listened to client complaints and assisted in addressing their issues and resolving challenges



SOCIAL MEDIA

 @uhearistotle
 facebook.com/aristotledegreat
 Uchechukwu Ajuonuma P.

PROGRAMMING SKILLS



HOBBIES

Traveling
Table Tennis
Board Game
Story Telling

REFEREE

On request

Country Manager

Youth for Technology Foundation (YTF): 2014/10 – 2018/12

- ✦ Trained youth on the use of cutting-edge technologies such as 3D printers, CNCs, Internet of Things (IoT), embedded system and Laser cutting.
- ✦ Led the team through innovation and Design Thinking processes.
- ✦ Trained the trainers on the use of professional software such as AutoCAD, SolidWorks, Plant3D, Fusion 360, and how to write/generate G-code.
- ✦ Oversaw and supervised the activities of entire departments of the organization
- ✦ Ensured smooth day-to-day operations of the organization.
- ✦ Supervised all the organizational projects/programs keeping eyes on accurate time management and successful end results

Lead Product Designer

FlowMasters Nigeria Ltd: 2009/08 – 2014/10

- ✦ Modeled and designed existing products (fittings e.g. flanges, sockets, piping etc.) for re-fabrication using SolidWorks and AutoCAD in accordance with the company accredited standard (ISO 9001).
- ✦ Handled fabrication assignments that involved machining, welding, installing, and repairing of products (tools, parts, gates, valves etc.)
- ✦ Prepared 2D detailed drawing for production and generate BOM.
- ✦ Worked with reputable team of engineers in achieving deliverables
- ✦ Became adept at reading blueprints/drawings, preparing product drawing and fulfilling work orders.
- ✦ Demonstrated great skills in operating equipment and machines including Lathe machines, cutting machines and CNCs for the fabrication of mechanical components.
- ✦ Generated for machining using Fusion 360 CAM

ACCOMPLISHMENT

- ✦ Increased the production rate of FlowMasters LTD by 40% and within inventory limit make us the fastest in job delivery.
- ✦ Design e-Brielle (A reading aid for visually challenged persons)
- ✦ Increase the YTF's workforce from six (6) to eighteen (18) member in less three (3) years
- ✦ Designed a Cordless Hair Dryer, a Cordless Hot Tong and a Movable Ergonomic Hair Washing Machine for HW-GOLD using SolidWorks.
- ✦ Actively participated in the rehabilitation of Oando Energy Plant, Onne, Rivers, Nigeria.
- ✦ Built the first and the largest Nigeria Makers and Hardware Developer's community.