

Abraham Ajayi

Northridge, CA

-Email me on Indeed: <http://www.indeed.com/r/Abraham-Ajayi/f9cd6dd632cd5c88>

Seeking, challenging and responsible position where my education, ability, potentials can be fully and effectively utilized with opportunities of growth, enhancement of knowledge and to serve in building the nation.

Work Experience

Electrical Engineer

XOS TRUCKS - Glendale, CA

June 2021 to Present

- PCB design using Altium, Eagle, and OrCAD.
- Developing and implementing quality standards.
- Electrical design, wire routing, and schematics drawing.
- Monitor and analyzing quality performance.
- Report writing and data collection.
- Inspecting and testing materials, equipment, processes, and product to ensure quality specifications are met.
- Prepare BOM for purchase of electrical equipment and materials.
- Collaborating with manufacturing managers to develop and implement controls and improvements.
- Works with production technicians to ensure reliability.
- Develop corrective actions, solutions, and improvements.
- Ensuring that workflows, processes, and production comply with safety regulations.
- Power electronics testing.
- Investigating and troubleshooting production issues.
- Developing and implementing quality standards of the EE Lab and equipment.

Senior Electrical/Electronic Technician

XOS TRUCKS - Glendale, CA

February 2021 to June 2021

- Drawing and interpretation of schematic diagrams.
- Aligning and calibrating cables and wiring.
- Wire harness and prototype building.
- Monitoring and reporting on project progress.
- Troubleshoot and Repair Electronics Systems.
- Install New Electronic Equipment and Components.
- Run tests on existing equipment.
- Perform Preventative Maintenance.
- Maintain reports and manuals.
- Working with engineers to meet company's goals.

Project Manager

Town & Country Event Rentals - Van Nuys, CA

April 2016 to February 2021

- Integrates appropriate project management tools and processes.
- Effect changes and monitor progress.
- Delegate appropriately.
- Supervision of the crew and making sure the assigned project is done in timely manner.
- Operating of machinery used for installation.
- Interpretation of CAD drawings and making sure the project is done with accurate measurements.
- Determines and utilizes the appropriate communication channels.
- Makes timely decisions based on facts, circumstances, and needs.

Substation Supervisor

Ikeja Electric Distribution Company - Nigeria

April 2014 to January 2016

- Recorded and reviewed electrical load parameters, and load forecasting.
- Supervised team of 4, system operator, providing training, oversight and scheduling.
- Maintained clean safety record, with no hazards recorded on the team.
- Successfully reduced operating downtime by reviewing and improving procedures.
- Monitored switchboards to ensure no fault occurred, and regulated consumer electrical flow consistently.

TD (Electronics & Installation)

Hero Satellite (contract) - Nigeria

May 2014 to December 2015

- Program decoder to detect signal LNBF.
- Satellite installation.
- Perform maintenance and calibration checks on test systems.
- Manage and troubleshoot escalated technical problems interfacing with product development.
- Monitor maintenance, repair, and troubleshooting electrical fault in the branch.

Computer Instructor

(NYSC), Good Shepherd Academy - Lokoja, Nigeria

March 2013 to February 2014

- Teach computer peripheral, hardware and software installation
- Teach basic LAN & WLAN networking.

Industrial Trainee

Hero Satellite (Intern) - Nigeria

July 2011 to December 2011

- Gained deep knowledge of satellite installation.
- Decoder programming, and knowledge of circuit designing.

Electronic Technician II

ESS Computers Ltd - Nigeria

December 2006 to January 2008

- Set up electronic systems and devices.
- Build prototype models based on technical guidelines.
- Repair malfunctions in circuit and other system structures.
- Test system functionally and analyze data.
- Soldering and de-soldering of electronic components.

- Circuit design.
- Hi-pot test.
- Troubleshooting of fault by using multimeter and rectification of those fault.
- Estimate damage and calculate the cost of materials.

Electronic Electrical Engineering Intern

Musmon Technologies Nig Ltd

June 2005 to September 2005

- Gained knowledge of soldering and de-soldering.
- Knowledge of fault detection in a circuit by using multimeter.
- Knowledge of wiring electrical panel by working with lead technician on outside contract.

Education

Master's Degree in Electrical Engineering

California State University - Northridge, CA

August 2021 to Present

Bachelor of Tech in Electrical Electronic Engineering

Ladoke Akintola University of Technology - Nigeria

February 2008 to August 2012

Diploma in Electrical and Electronic Engineering

Federal Polytechnic - Ede, Nigeria

February 2004 to November 2006

Skills

- Printed Circuit Board
- Electrical devices and
- Wire harnesses and Design. equipment testing prototypes building.
- AutoCAD (EL)
- Troubleshooting and repair.
- Schematics design and
- MATHLAB
- Project planning and Data collection.
- LabVIEW. management
- High voltage & Low voltage distribution.