

Samuel Emmanuel

📍 Antrim ✉ info@emasarcv.com ☎ +44 7721 738234 @ emasarcv.com
🌐 <https://www.linkedin.com/in/samuel-emmanuel-8672b8195/>

Professional Summary

Accomplished Electrical and Electronic Engineer with over 5 years of experience in electrical wiring, electronic security devices, IT infrastructure, solar energy, and website development. Expert in data centre and server setup, installation and maintenance of CCTV, biometric access control, fire alarms, optic fibre links networking, and website designing.

Experience

MDF Engineering Ltd, Machine Operator

Antrim, Northern Ireland, UK
Mar 2025 – Present

- Operate Bystronic Xpert-320 and TruBend V200 pneumatic machines for the production of trailer components by programming, adjusting die settings and machine parameters.
- Utilize Pulse PLM software to retrieve and verify component design part numbers.
- Interpret bending designs, angles, and dimensions using AutoCAD, ensuring accuracy with precision measurement tools.
- Load components manually or with the aid of a Dalmec robotic arm manipulator to ensure safe and efficient machine setup.
- Launch and control the production process using the ByVision Client interface desktop, ensuring components meet quality and design specifications.

Franco Manca Pizza Restaurant, Kitchen Porter

Plymouth UK
Feb 2024 – Feb 2025

- Cleaned and sanitized kitchen area equipment utensils and dishes with a strong emphasis on food safety standards.
- Managed waste disposal, including sorting, recycling, and promoting Eco-friendly kitchen practices.
- Assisted the culinary team with tasks such as chopping, peeling, and portioning ingredients.
- Streamlined kitchen operations by organizing and ensuring smooth workflows.

Mundial Engineering Ltd, Electronics Security Engineer (Remote Support)

Lagos, Nigeria
Oct 2023 – Jan 2024

- Remotely configured routers, smart switches, access control units, and updated system firewalls using AnyDesk and TeamViewer for secure network management.
- Collaborated with on-site teams to configure CCTV cameras, and set up CCTV workstations, servers, and storage systems remotely using PuTTY, QNAP-Finder, and system installation wizards.
- Diagnosed and resolved software issues, contributing to improved system uptime and operational reliability.
- Ensured security compliance while optimizing system performance and composed detailed technical reports of task completed.

Mundial Engineering Ltd, Project Engineer

Lagos, Nigeria
Jan 2020 – Sept 2023

- Led 50+ engineering projects with 90% on-time delivery and strict quality control.
- Oversaw team coordination, documentation, and technical performance reporting.
- Aligned 20+ project objectives with business goals to ensure efficiency and cost control.
- Generated 15 in-depth project reports, utilizing data analysis to drive performance improvements and decision-making.

Mundial Engineering Ltd, Electronics Security Engineer

Lagos, Nigeria

- Installed over 100 CCTV systems, fire alarm systems, access doors, and boom barriers improving client security by 30%.
- Completed 30+ wiring jobs and 20+ solar/inverter installations within budget and time constraints.
- Performed 50+ preventive maintenance operations to reduce system failures by 25%.
- Conducted 30+ site surveys for solar energy, electronic security, and electrical projects, ensuring timely, budget-friendly, and safety compliant execution.

Mar 2017 – Jan 2020

Grand Product Company Nigeria Ltd, Electrical Technician

Lagos, Nigeria

Feb 2013 – Feb 2014

- Industrial electrical installation and services significantly improving energy efficiency.
- Fabrication and installation of electrical panels, assembling of air conditioning system, industrial cooker and other household appliances.
- Increased AC assembling line efficiency by 20% and upheld a 90% customer satisfaction rating.

Education

MSc University of Plymouth, Electrical & Electronic Engineering

UK

Jan 2024 – Jan 2025

Pre-MSc University of Plymouth International College, Electrical & Electronic Engineering

UK

Sept 2023 – Jan 2024

HND Lagos State Polytechnic, Electrical & Electronic Engineering

Nigeria

Apr 2014 – Sept 2016

ND Lagos State Polytechnic, Electrical & Electronic Engineering

Nigeria

Nov 2008 – Dec 2011

Skills

Electrical Wiring: Experience in Domestic and Industrial wiring, including 30+ wiring jobs and solar/inverter installations

Electronic Security Devices: Expertise in installation and maintenance of CCTV systems, biometric access control, fire alarms, and related security systems

IT Infrastructure: Competent in computer networking, server & storage setup, router and smart switch configuration

Solar Energy: Experience in solar energy installations including site surveys and system setup

Web Development: Skills in HTML, CSS, JavaScript, WordPress, elementor and Shopify

Software and Tools: Proficient in MATLAB, Office 365, AnyDesk, PuTTY, Pulse PLM software, AutoCAD, QNAP-Finder, ByVision Client desktop interface

Project Management: Led over 50 engineering projects with a strong record of on-time delivery, quality control, team coordination, and technical reporting

Machine Operation: Operating pneumatic machines Bystronic Xpert-320 and TruBend V200 with programming and precision measurement

Interests

- Travelling
- Video games
- Research