

Victor Chidubem Emelumba

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👤 PROFESSIONAL SUMMARY

I am a passionate mechanical engineer with a strong foundation in the principles of engineering and a keen interest in automobile engineering. Enthusiastic about advancing knowledge and skills in the automobile field, with a focus on innovative design and cutting-edge technology. Experienced in collaborative research and practical applications of engineering concepts, particularly in the context of automobile maintenance and the manufacturing industry. Eager to contribute to and grow within the automotive industry through continuous learning and professional development.

🔧 PROFESSIONAL EXPERIENCE

Coscharis Motors

2025/07 – 2026/05 | Abuja, Nigeria

Body section intern (NYSC)

- Successfully replaced major automotive components, including the engine of a car head seater, a Ford truck's roller engine, and the module of a car, ensuring proper functionality and performance.
- Carried out repairs and part replacements on accident-damaged vehicles, which included tasks such as changing and fitting a new side step for improved vehicle safety and aesthetics.
- Replaced engine-related components of a car door, restoring its smooth operation and enhancing the vehicle's overall usability.
- Adjusted and realigned vehicle body structures, followed by professional painting to restore and enhance the car's original appearance.
- In this role, I worked closely with specialists, quality control officers and service advisors to ensure premium service delivery and I was trained in the work procedure that aligns with the Jaguar Land Rover, BMW and Ford global standards for performance, safety and customer satisfaction.

Alex auto and Tyre services

2023/03 – 2023/09 | Abuja, Nigeria

Automobile Maintenance Intern

- Successfully performed engine swaps, demonstrating a strong understanding of engine systems and the ability to execute precise mechanical procedures.
- Conducted routine engine maintenance tasks such as oil changes, filter replacements, and system diagnostics to maintain engine health and efficiency.
- Acquired proficiency in removing and replacing gearboxes, honing skills in transmission systems, and contributing to the smooth operation of vehicles
- Developed expertise in using diagnostic tools to identify mechanical issues in engines and transmissions, enabling accurate and efficient repairs.
- Engaged with clients to understand their vehicle concerns, providing recommendations and delivering quality service, which enhanced customer satisfaction.

Volunteer Experience

2025/10 – Present | Abuja, Nigerian.

TedX Gwarinpa

- **Strategic Oversight:** Spearheaded the operational framework for the inaugural TEDxGwarinpa event (Dec 2025), coordinating logistics for a global roster of esteemed speakers and high-profile attendees.
- **Team Leadership:** Directed a cross-functional volunteering team, managing end-to-end event execution, including venue logistics, technical production, and on-site flow.
- **Process Optimization:** Developed and implemented standard operating procedures (SOPs) that ensured strict adherence to TED's international brand guidelines and licensing requirements.
- **Stakeholder Management:** Served as the primary liaison between the executive organizers and the operations department, ensuring 100% completion of project milestones under tight deadlines.

EDUCATION

Bachelor of Engineering in Mechanical Engineering

2018/09 – 2024/10 | Illorin, Nigeria

Landmark University

Related project and coursework

MCE 529: MECHANICAL PROPERTIES AND CORROSION BEHAVIOUR OF AS-CAST COPPER-BASED SHAPE MEMORY ALLOY MODIFIED WITH LANTHANUM (La) AND CERIUM (Ce).

- Collaboratively experimented on the mechanical properties and corrosion resistance of a CuAlNiMn alloy, modified with rare earth elements Lanthanum (La) and Cerium (Ce). The study focused on assessing the alloy's effectiveness in industrial applications, particularly in the manufacturing of aircraft wings. The project involved analyzing the alloy's strength, ductility, shape memory effect, and corrosion resistance to determine its suitability for aerospace applications.

SKILLS

Soft skills

Thinking and problem solving, strong communication skills (verbal and written), Team Collaboration in multidiscipline project, Adaptability and Quick Learning, Attention to detail, Eagerness to learn and gain relevant experience, Time management and ability to work under pressure, Empathetic Advocacy and Social impact

Hard skills

Familiarity with design application e.g Autocad, Corel draw, Professional and efficient use of Microsoft office suite applications, Knowledge in handling of various equipment and tools, Car body overhauling, Vehicle maintenance.

LANGUAGES

English: Fluent.

CERTIFICATIONS

Web Development Certification of Achievement Date: August 29th, 2022.

Awarded by Unique Magnifier Solution in collaboration with RCCG FCT Province 2 - IT Capacity Development Training Course.

Agripreneurship Certification of Achievement Date: November 1st, 2024

Awarded by African Agripreneurship Development Center Landmark University

Program Learning in Artificial Intelligence and Robotics (level 1) Date: September 2nd, 2024

Awarded by UBTECH ROBOTICS LIMITED and BREDHUB in collaboration with Landmark University

TEDX Certificate Of Achievement Date: January 24th, 2026.

Awarded By TEDX GWARINPA community.