

# JEREMY AHAMIOJE

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## SUMMARY

- Motivated Mechanical Engineering student with hands-on experience in CAD design, mechanical systems, and technical drawing.
- Strong problem-solving ability demonstrated through practical projects including a mechanical scissor jack and gear mechanisms.
- Eager to apply engineering knowledge in real-world environments while learning from experienced professionals.

## EDUCATION

Lagos State University — Lagos, Nigeria

B.Sc. Mechanical Engineering (In Progress) | Expected Graduation: 2026

## PROJECT EXPERIENCE

### Mechanical Scissor Jack Design

- Designed a functional scissor jack using CAD software, focusing on load distribution, stability, and manufacturability.
- Produced detailed technical drawings and assembly views.

### Gear System Design

- Modeled and analyzed gear mechanisms to understand torque transmission and motion conversion.
- Developed component drawings suitable for fabrication.

### Robotic Arm (In Development)

- Designing a basic robotic arm with pre-programmed motion using CAD and embedded control concepts.

## WORK EXPERIENCE

### Nigerian Universities Engineering Students Association (NUESA), LASU

#### Debate Team Participant | 2024 – 2025

- Participated in inter-university engineering debates, demonstrating strong critical thinking, public speaking, and teamwork skills.

- Collaborated with team members to develop structured arguments and present technical ideas clearly under competitive conditions.

### Beautwealth Electronics Workshop – Innovation Class (Robotics Training)

#### Participant | 2023 – 2024

- Completed a robotics training program in collaboration with Lagos State University, focused on design, fabrication, and practical engineering applications.

- Coordinated group activities and contributed to the design and development of robotic systems, ensuring effective teamwork and project execution.

### Data Entry Assistant

- Maintained accurate digital records and performed data organization tasks with attention to detail.
- Improved efficiency through structured data handling and documentation.

### Web Design Assistant

- Designed and developed responsive website interfaces using modern tools and frameworks, focusing on clean layouts and user experience.

- Collaborated with clients to understand requirements and translate ideas into functional web pages.
- Implemented basic front-end features and optimized designs for performance across devices.
- Maintained and updated website content, ensuring consistency and usability.

#### **SKILLS**

- CAD Design (SolidWorks / AutoCAD or similar)
- Technical Drawing & Mechanical Design
- Basic Robotics & Embedded Systems Concepts
- Problem Solving & Analytical Thinking
- Microsoft Office Suite

#### **INTERESTS**

- Robotics and Automation
- Mechanical Product Design
- Agri-Tech Innovation
- Engineering Prototyping

#### **LANGUAGES**

- English — Fluent
- French — Beginner