

Joseph Fatoye

<https://pappy-joe.github.io/engineering>

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SKILLS

- **Programming Skills:**
 - Python, Javascript, C++**Technologies: TensorFlow, Arduino IDE, React.JS, Next.Js :**
- **Software Skills:**
 - 3D Modelling, Slicing and Printing**Technologies: Solid Works, AutoCAD, UltiMaker Cura :**
- **Soft Skills:**
 - Strong communication skills, comfortable addressing groups of people and active team player.:

PROJECTS

- **Sunflower Solar Tracker System:** Captained a team of four Mechatronics Engineering undergraduate colleagues to build a single-axis solar tracker system to maximize solar energy generation, leveraging Arduino and accessible electronic components. Class project.
- **Object Detection Fruit Sorting with Edge Impulse:** Trained a neural model to identify simple fruits in the immediate environment. 90% training performance and 84.62% real-world success rate. Class Project

EXPERIENCE

- **Kola Benz Automobile Workshop** Ilorin, NG
Junior Engineer Intern (SIWES) *Jul. 2023 - Sept. 2023*
 - **Classification, Diagnosis and Repairs:** Diagnosed and addressed a variety of automotive issues and worked with a variety of engine types.
 - **Knowledge sharing:** Engaged with experienced professionals in a collaborative environment facilitating open communication and knowledge exchange.

VOLUNTEERING

- **Lanre Shittu Motors** Abuja, NG
Junior Engineer Intern *Jul. 2022 - Oct. 2022*
 - **Diagnosis, Repairs and Knowledge sharing :** As a volunteer, I performed basic automobile servicing operations and assisted senior engineers and technicians in joint repairs.

GRANTS

- **The 38th Annual AAAI Conference on Artificial Intelligence, Undergraduate Consortium (AAAI-24 UC), February 2024:** Full funding
- **61st Annual Meeting of the Association for Computational Linguistics (ACL), July 2023:** 350USD

PUBLICATIONS

- **Enhancing Robotics with Cognitive Capabilities:** The 38th Annual AAAI Conference on Artificial Intelligence, Association for the Advancement of Artificial Intelligence (AAAI), 2024

EDUCATION

- **Bowen University** Iwo, NG
Bachelor of Engineering in Mechatronics Engineering *Nov. 2022 – Nov. 2025*
- **University of Ilorin** Ilorin, NG
Bachelor of Engineering in Mechanical Engineering *Sept. 2019 – Oct. 2022*