# Osinachi Chukwujama

Date of birth: 01/03/2001 │ Nationality: Nigerian (Nigeria) │ Phone: (+234) 08105487627 (Mobile) │ Email address: osinachi.chukwujama@gmail.com │ Website: https://www.osinachi.me │ LinkedIn: chukwujama-osinachi │ Address: No 52 Farin Gada, 930212, Jos, Nigeria (Home) │ Life, the universe, and everything

## About me

I am a person who believes in continuous improvement and feedback, carrying this belief into everything I do. The art of continuously refining oneself is an art worth living for. I am skilled in the verticals of technology, particularly software-based technology. My interests include Robotics, Artificial Intelligence, and Computer Vision. My expertise lies in software engineering and administration, complemented by additional skills in 3D modeling and printing.

## Education & Training

**Bachelors of Engineering (B.Eng)** │ Federal University of Technology, Owerri│ 06/11/2017 - 07/12/2023 │ Owerri, Nigeria

**Field of study** Engineering, manufacturing and construction | **Final grade:** 4.56/5.0 (First-Class Honours) | **Number of credits:** 193 | **Thesis:** Machine Learning Modelling and Optimization of a Drone for Improved Security Surveillance

## Publications

**Secure and Resilient Industrial IoT Architectures for Smart Manufacturing: A Comprehensive Review**

Ololade Funke Olaitan; Ogheneruemu Nathaniel Akatakpo; Chukwujama Osinachi Victor (2025). Journal of Engineering Research and Reports

https://doi.org/10.9734/jerr/2025/v27i61548

**Quantum Computing in Artificial Intelligence: a Review of Quantum Machine Learning Algorithms**

Ololade Funke Olaitan; Samuel Oluwabukunmi Ayeni; Adedapo Olosunde; Osinachi Victor Chukwujama; (2025). Path of Science

https://doi.org/10.22178/pos.117-25

**Clinical Applications of 3D-Printed Medical Implants**

Enibokun Theresa Orobator, Osinachi Victor Chukwujama, Olabisi Promise Lawal (2025). Journal of Pharma Insights and Research

https://doi.org/10.69613/22dn3m33

## Work experience

**Robotics & 3D Printing Industrial Trainee.** │ Generative CAD │ 06/12/2021 - 31/07/2022 | Lagos, Nigeria

Collected customer requirements and designed 3D models for additive manufacturing

3D printed designs using PLA and ABS materials to validate ideas

Designed robots using the Robot Operating System (ROS) framework for path planning

Simulated Robotics environments using Gazebo and RViz

**Mechanical Technician Trainee.** │ Rite Foods Ltd │ 15/03/2024 - 30/06/2024 | Ogun, Nigeria

Carried out daily routine maintenance of baking and packaging machines to maintain a downtime of 20% or less

Generated daily reports on maintenance activities to ensure that equipment and supplies are properly tracked

Designed and 3D printed parts for machines that had no immediate replacement

**Software/DevOps Engineer** │ HNG Tech │ 01/07/2024 - Current | Lagos, Nigeria

Developed automated software deployment workflows using Github Actions which improved deployment efficiency by removing the human-in-the-loop

Developed Python code for RabbitMQ that enabled asynchronous processing of tasks in the software applications which enabled horizontal scalable deployments of the company's software

Authored new scripts for logging and log processing that increased monitoring by over 70% over manually checking for logs

**Language Skills**

| | Understanding | | Speaking | | Writing |
|---|---|---|---|---|---|
| | Listening | Reading | Spoken production | Spoken interaction | |
| **English** | C2 | C2 | C2 | C2 | C2 |

**Skills**

programming: Python, MATLAB and SQL │ 3D printing │ Robotics │ Embedded Systems Development │ Databases