



IHEANYI, FAVOUR CHISOM

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About

I am passionate about using engineering to solve humanity's critical problems and drive positive change. I am an analytical problem-solver with a driven mindset, delivering outstanding results on tight schedules with accuracy.

Experience

DeepTech_Ready Upskilling Program -3MTT

March 2025 - Current

Data Science and Machine Learning Fellow (Cohort 1)

Gaining hands-on experience in machine learning, deep learning, and AI development using Python, with a focus on industry-standard frameworks like TensorFlow and Scikit-learn.

Zero-to-Mastery

February 2025 - March 2025

Complete A.I & Machine Learning, Data Science Bootcamp

Motoval Project: Car Price Prediction using Machine Learning

Tools: Scikit-Learn, Pandas, NumPy, Matplotlib, Flask, HTML/CSS

Client: Self-Learning | Project URL:

https://github.com/fachiny17/machine_learning/tree/main/zero-to-mastery_ml

Accomplished the deployment of a machine learning-powered web application for predicting used car prices, by building a full-stack solution integrating data preprocessing, model training (Random Forest with hyperparameter tuning), and a Flask-based user interface, as measured by improved prediction accuracy ($R^2 = 0.89$) and successful real-time pricing output for user inputs.

Mathworks

July 2023 - November 2024

MATLAB Trainee

A training program organised by Mathworks in collaboration with Federal University of Technology Owerri.

Headstarter AI

July 2024 - September 2024

Software Engineering Fellow

I built my vision, network, personal brand and collaborate with my teammates. I also built my portfolio website during the fellowship.

Initas Technologies

June 2023 - July 2024

Software Development Intern

Redesigned and modernized website architecture and frontend using HTML, CSS, and JavaScript to enhance performance, user experience, and responsiveness.

Clintonel Innovation Centre

May 2024 - June 2024

Student Internship

- Skilled in 3D Modeling using Autodesk Fusion360.
- Modeled some basic 3D objects and mechanical components(piston and crankshaft assembly, flywheel, car wheel, etc.). I also modeled my phone.
- Fundamentals of 3D Printing
- Contributed to strategic planning meetings, providing insights that drove the company.
- Engaged in public awareness programs in schools and gatherings

SIIWI/SJWP

August 2022 - September 2022

Nigeria's Representative

- Stockholm Junior Water Prize: Nigeria's Representative
- Participated in World Water Week

Education

Federal University of Technology Owerri, Nigeria

B.Eng Mechanical Engineering

2021-2026 — **4.17/5.00**

Zero to Mastery

Machine Learning

2025 —

Dority International Early Learning School, Abia State, Nigeria

Secondary School Education

2015-2021 — **3.3/4.0**

Skills

- MATLAB fundamentals
- Python Programming (90%)
- Autodesk Fusion360 (70%)
- Flask (90%)
- SQLite (70%)
- Git (85%)
- Github (85%)
- VSCode (90%)
- 3D Printing (70%)
- Machine Learning(Scikit-Learn, TensorFlow)

Language

Igbo (Native), English (Bilingual), French (Beginner)

Achievements & Awards

Winner Nigeria Stockholm Junior Water Prize 2022

Finalist at 2022 Stockholm Junior Water Prize

Honourable Mention at 2020 and 2021 International Trust for Sustainable Living Essay Competition

Mathematical Association of Nigeria (MAN) Competition 2021

Finalist at 2021 Chima Ugokwe Prize at Essay

Basic Digital Literacy (BDL) Certification baby Digital Skills Nigeria

Unilever Level-Up Entrepreneurship Course Certification

Python Essentials 1 Certification by Cisco

MATLAB Onramp by Mathworks

Signature:



Iheanyi, Favour Chisom