

Ugwu Emmanuel

ugwuemmanuel.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

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WEB DEVELOPER | RESEARCHER

I am a web developer skilled in **HTML**, **CSS**, and some **JavaScript**, with freelance project experience. Currently, I'm learning **PHP**, **MySQL**, and **Django** to build dynamic applications and integrate **deep learning** models, having worked with **CNNs**, **RNNs**, and **Transformers** using **Python**. I also have experience with **Arduino** for IoT and robotics, and am exploring **Raspberry Pi** for more advanced automation projects.

TECHNICAL SKILLS

Languages	: HTML, CSS, JavaScript, PHP, Python, C
Frameworks	: Django
Databases	: MySQL
Dev Tools	: Visual Studio Code, Git

EXPERIENCE

Web Developer <i>Freelance</i>	Apr 2022 – Present <i>Remote</i>
<ul style="list-style-type: none">Developed user-friendly and responsive websites using HTML, CSS, and JavaScriptCurrently learning PHP and MySQL to build more dynamic web applicationsFocused on clean design and functionality for improved user experience	
Deep Learning Projects <i>Self-Directed</i>	Sept 2023 – Present <i>Remote</i>
<ul style="list-style-type: none">Worked on several projects involving CNNs, RNNs, and Transformers using PythonGaining proficiency in Django to integrate machine learning models into web applicationsContinuously improving skills in model training and deployment	
IoT and Robotics Projects <i>Self-Directed</i>	Mar 2021 – Present <i>Remote</i>
<ul style="list-style-type: none">Built various Arduino projects focusing on sensor integration and automationExpanding skills to include Raspberry Pi and other microcontrollers for complex IoT and robotics projectsExcited about the integration of smart devices and automation technologies	

EDUCATION

University of Science and Technology of China <i>Masters of Science (MSc) in Computer Technology</i>	Hefei, Anhui, China Sept 2023 – Present GPA: 3.55/4.00
Jiangxi University of Engineering <i>Bachelor of Science in Engineering (BSc Eng) in Electronic and Information Engineering</i>	Jiangxi, China Sept 2019 – May 2023 GPA: 4.00/4.00

PROJECTS

Ongoing Portfolio Website	<i>HTML, CSS, JavaScript, Git</i>	Source Code
<ul style="list-style-type: none">Creating a personal portfolio website to showcase my skills and projects with a modern, interactive design.		
Arduino IoT Smart-Home System for Temperature Stability and Fire Protection	<i>Arduino, IoT, C, Git</i>	Source Code
<ul style="list-style-type: none">Developed an IoT smart home system for monitoring temperature and fire safety using sensors with real-time data transmission.		
Enhancing Face Detection and Recognition for a Classroom Attendance System	<i>Python, OpenCV, Git</i>	Source Code
<ul style="list-style-type: none">Implemented a face detection and recognition system for classroom attendance, improving accuracy across different lighting conditions.		

REFERENCE

Available upon request