

EMMANUEL UGOCHUKWU UGWU

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OBJECTIVE

Motivated and enthusiastic Master's student in Computer Technology with a strong passion for cloud computing, DevOps, and cybersecurity. Currently undergoing extensive training in AWS, Azure, and GCP, eager to apply my knowledge and develop hands-on expertise in a technical role.

EDUCATION

Master of Computer Science, University of Science and Technology of China **2023 - Present**
Relevant Coursework: Edge and Cloud Computing, Deep Learning, Parallel and Distributed Computing.

Bachelor of Science in Engineering, Jiangxi University of Engineering **2019 - 2023**

SKILLS AND TOOLS

Cloud Computing: Onboarding AWS (IAM, Identity Center, Organizations, SSO, Networking, Security), Azure, and Google Cloud Platform (GCP) accounts

Networking: Basic understanding of IP Addressing, Networking Hardware & Software, Network Types, Public & Private Networks, DHCP, and Subnetting

Programming: Python, C, JavaScript, HTML, CSS

DevOps Tools: Git

IoT & Embedded Systems: Arduino, Raspberry Pi

Machine Learning & AI: Computer Vision, Fuzzy Logic (MATLAB)

EXPERIENCE AND PROJECTS

Cloud Security & DevOps Training **Feb 2025 - Present**
Hands-on Training in AWS, Azure, and GCP

- Gained practical experience in AWS IAM, Organizations, Identity Center, SSO, Networking, and Security.
- Worked on onboarding Azure and Google Cloud Platform (GCP) accounts for cloud management.
- Developed technical expertise in IP addressing, DHCP, subnetting, and public/private networks, along with networking hardware/software.
- Currently expanding my understanding of cloud network architecture and security configurations for scalable solutions.
- Developing technical expertise to prepare for AWS certification exams.

Academic Personal Projects **2023 - Present**
University of Science and Technology of China (USTC)

- Developed an **Arduino IoT Smart-Home System** for temperature stability and fire protection using sensors and actuators.
- Built a **Facial Recognition Attendance System** leveraging computer vision and automation.
- Implemented **Fuzzy Logic-Based Control Systems** in MATLAB for a temperature regulation and fire suppression system.
- Created a **Web Development Portfolio** showcasing projects and UI/UX principles ([Portfolio](#))

EXTRA-CURRICULAR ACTIVITIES

- Actively write professional and technical posts on [LinkedIn](#), [Notion](#), and [Medium](#) at least once a week, sharing insights on cloud computing, DevOps, and AI.
- Regularly play soccer as a recreational activity to stay active and improve teamwork skills.
- Frequently visit the gym to maintain physical fitness and overall well-being.

SOFT SKILLS

- Strong problem-solving skills and ability to take initiative
- Eager to learn and adapt to new technologies, with excellent teamwork and communication skills.

LANGUAGES

- English (Fluent)
- Chinese (Intermediate- HSK 4)