

Chiemela Umeh

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EDUCATION

University of Houston

Bachelor of Science in Computer Science, Minor in Mathematics, GPA: 3.28

Houston, TX

Jan. 2023 – Dec. 2024

Galvanize Coding Bootcamp

Full Stack Web Development Certification

Remote

July 2022 – Nov. 2022

Southern Arkansas University

Associate's of Science in Mechanical Engineering

Magnolia, AR

Jan. 2016 – Dec 2017

EXPERIENCE

Undergraduate Student Tutor

University of Houston

May 2024 – Nov. 2024

Houston, TX

- Led Python workshops on data structures and algorithm, assisting 30+ peers master programming fundamentals
- Built a full-stack e-commerce app with Node.js, React, and MySQL to improve inventory management efficiency
- Improved SEO and reduced page load time to under 1 second using React server-side rendering
- Implemented Docker containerization and AWS CloudWatch monitoring, improving CI/CD pipeline efficiency

Technical Support Representative

Viasat

Feb. 2024 – Present

Remote

- Monitored and escalated issues for 60,000+ network devices, ensuring 99% uptime and improved satisfaction
- Resolved DNS and network issues for 200+ devices monthly, reducing resolution times by 5%
- Awarded Employee of the Month (April 2024) for exceptional support in hardware, TCP/IP, DNS, HTTP/HTTPS, peripherals, and network connectivity across 2,500+ systems

Software Engineer Intern

Payday

May 2023 – July 2023

Remote

- Implemented multi-threading and socket programming, improving performance by 15%
- Executed performance tests to validate system reliability, meeting benchmarks and boosting uptime by 20%
- Migrated 800,000+ MongoDB documents to MySQL, reducing query time by 10%
- Developed RESTful APIs with Python, enhancing inter-system communication and data exchange efficiency by 25%

Infantry Team Lead

U.S. Army

Aug. 2019 – Dec. 2022

Fort Hood, TX

- Led a team of 6 personnel to resolve complex communication and geolocations system issues, reducing system downtime by 30%
- Established support and repair services for the supply team, increasing average equipment availability from 13 days to over 22 days

PROJECTS

Chiemela Furniture Store | JavaScript, Node, React, Redis MySQL, Docker

Jan 2024 – Present

- Developed a full-stack web application using MERN serving a REST API with React as the frontend
- Used Redis for handling asynchronous tasks and improving system performance

Online Calculator | JavaScript

Nov. 2023 – Jan. 2024

- Designed and implemented a responsive calculator application using vanilla JavaScript, HTML, and CSS
- Implemented dynamic DOM manipulation to handle complex user interactions and input validations

DevOps CI/CD Pipeline | Jenkins, Python, Linux, AWS

Nov. 2023 – Jan. 2024

- Automated software deployment using a Jenkins CI/CD pipeline, reducing errors and improving efficiency
- Integrated testing, deployment, and monitoring with Bash scripting, ensuring consistent production updates

TECHNICAL SKILLS

Certifications: AWS Certified Solutions Architect Associate (SAA-003) S3, EC2, RDS, SQS, DynamoDB, Route 53

Languages: Python, C/C++, SQL, JavaScript, GoLang

Frameworks: Django, React, Node.js, Flask, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, Linux, Artifactory, Jenkins, Kubernetes, Docker, Terraform, Ansible