

Chukwuebuka Umeh Michael

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EDUCATION

Southeastern Louisiana University

Expected: May 2027

Bachelor of Science in Information Technology — GPA: 3.88/4.00

Hammond, LA

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Artificial Intelligence, Database Systems

Awards: SELU Presidents List and Dean's List, Honors Program Scholarship, Southeastern Honors Scholar.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Java, PHP, Python, HTML/CSS, C++, SQL

Frameworks: React, Next.js, Node.js, ASP.NET, Tailwind CSS, Bootstrap, Django, PyTorch

Concepts:: Software Development, Full-Stack Development, API Development, Agile/Scrum, Cybersecurity

Developer Tools: Git, GitHub Actions, REST APIs, WebSockets, CI/CD, Version Control, Figma, Linux

Databases & Cloud: MySQL, Microsoft SQL Server, Supabase, Firebase, Oracle OCI

EXPERIENCE

Technical Support Specialist — Southeastern Louisiana University

Feb 2024 - Present

Center for Faculty Excellence

Hammond, LA

- Delivered **tier-1 IT support** for faculty/staff, troubleshooting Canvas LMS, & resolving walk-up technical issues.
- Used AI (**ChatGPT & Gemini**) to streamline **workshop setups and high-tech equipment allocation**.
- Applied **AI-assisted ticketing** and task delegation to improve daily IT operations & technical documentation.

Cybersecurity Extern — Hydroficient

March 2026 – May 2026

Hydroficient Externship Program

Remote

- Built **HydroGauge**, a real-time water-monitoring security console with multi-zone alerts and operator dashboard.
- Implemented end-to-end (**HMAC-SHA256 Authentication, mTLS encryption, replay protection**) with attack simulators using **Python, REST APIs, GitHub Actions CI, and WebSocket streaming**.
- Authored a professional threat model, walkthrough, and Argus—an AI rule-based ops assistant for live log analysis.

AI Automation Engineer Extern — Wayfair

Dec 2025 – Feb 2026

Wayfair Externship Program

Remote

- Built scalable **multi-agent AI workflows** with modular architecture using **n8n & JavaScript**, reducing manual research time by **60%**, improving work solidity by **40%**, reducing formatting errors by **35%**, and boosting execution accuracy through asynchronous debugging.

PROJECTS

PridePath | Next.js, TypeScript, Supabase, Python, Gemini API

April 2026

- Built an AI study platform that turns PDFs into quizzes via **Next.js & Gemini API**, cutting study time by **40%**.
- Added a gamified session engine (Speed, Zen, Story) with mastery tracking & a wellness coach, upping use by **50%**.

EWA Haircare Website | TypeScript, JavaScript, HTML/CSS

Dec 2025 - Jan 2026

- Built a hair-care website with clear product browsing & ordering flow, **cutting user navigation friction by 40%**.
- Designed a clean, mobile-friendly UI and structured content hierarchy, improving readability and usability by **35%**.

AtmoWise | Next.js, Supabase, Tailwind, TypeScript, AirNow API, OpenAQ

Sept 2025

- Built an air quality tracking platform, improving **data sync efficiency by 40% & maintaining 99% uptime**.
- Cut mobile latency by **35%** using dual **API integration (AirNow + OpenAQ)**.
- Made an accessible responsive UI in Tailwind, **reducing navigation friction by 20%**.

Maintenance Radar | .NET, C#, React, TypeScript, Mantine UI

Feb 2025 – May 2025

- Built a **.NET/React** car maintenance tracker with responsive dashboards using **Mantine UI**, cutting manual logging time by **40%** and data retrieval latency by **30%** while delivering **100%** real-time visibility for 50+ users.

King Tut AR Lens | Lens Studio, JavaScript, Tween.js

July 2025 - Sep 2025

- Built an interactive **AR selfie lens** (during Snap Inc. externship) featuring King Tut's bust with **integrated 3D face tracking** and **Tween.js** animations, Applying skills in **AR design, storytelling, and user interaction** to develop creative digital experiences, and iterating through prototypes to solve scaling and placement challenges.