

OLUWANIFEMI AJEKIGBE

ayunfe55@gmail.com | 321 405 8841 | <https://www.linkedin.com/in/nifemi-ajekigbe>

EDUCATION

University of Central Florida

Bachelor of Science in Information Technology

Seminole State College

Associate of Arts in Information Technology (Cum Laude)

May 2028

GPA: 3.5

Dec 2025

CORE COMPETENCIES

• AI & Generative AI Applications • Retrieval-Augmented Generation (RAG) • Cybersecurity & Network Analysis • Cloud Computing (AWS) • Enterprise Workflow Automation • Data Analysis & Computational Modeling • Technical Troubleshooting • Cross-functional Team Leadership

TECHNICAL SKILLS

Languages/Tools: Python, SQL, JavaScript, Java, C, GitHub, Splunk, Wireshark, Catalyst, Linux, Figma, Canva

AI/Automation: RAG, OCR, Document Intelligence, NLP Concepts, Model Evaluation, Prompt Design, Chatbot & Workflow Automation

Certifications: ServiceNow Micro-Certification (Earned), ServiceNow CSA (In Progress), AWS Cloud Practitioner (In Progress), CodePath Cybersecurity

EXPERIENCE

AI-Powered Document Intelligence Intern

Pfizer

Remote

May 2025 - Aug 2026

- Built Python and OCR pipelines for automated PDF extraction and pharmaceutical label digitization; developed document-intelligence workflows to classify files, extract key dates, and surface compliance information.
- Implemented RAG-based search across large compliance-document collections, applying NLP, retrieval, and AI automation concepts in a regulated environment.
- Troubleshoot image-quality and OCR-preprocessing issues by testing adjustments and comparing extraction outputs to improve reliability.

ServiceNow Extern

ServiceNow

Remote

May 2025 - Aug 2026

- Complete hands-on labs in system administration, workflow automation, enterprise AI, chatbot development, and platform configuration.
- Build and troubleshoot automated workflows while strengthening knowledge of enterprise service-management processes and technical documentation.
- Earned a ServiceNow micro-certification and am currently preparing for the Certified System Administrator (CSA) exam.

Assistant Executive Director

Knights of the Roundtable - UCF

Orlando, FL

March 2026 - Present

- Coordinate consultations, administrative workflows, resource allocation, and communications supporting multiple student organizations.
- Review financial and operational processes for compliance with university and state requirements and help resolve cross-functional issues.

Undergraduate Researcher

University Research Lab - UCF

Orlando, FL

Jan 2026 - Present

- Develop Python computational models that convert transfer matrices to scattering matrices for optical systems and analyze 10+ layered-material simulations.
- Refine simulation workflows using numerical methods, Fresnel equations, and the Redheffer star product, strengthening debugging and model-validation skills.

STEM & AI Instructor

Lavner Education / UCP Charter Schools

Winter Park, FL

June 2025 - April 2026

- Led instruction for 30+ students in Python, Java, AI concepts, robotics, and small-scale technical projects.
- Troubleshoot coding and software issues and developed curriculum focused on logical reasoning, debugging, and software-development fundamentals.

PROJECTS

Secure Self-Hosted AI Agent Platform

- Built a Raspberry Pi/Python/Discord foundation with approved-user validation, deny-by-default UFW, LAN-restricted SSH, key authentication, and protected secrets; expanding toward scheduled AI-agent reporting workflows.

Cybersecurity DDoS Investigation - CodePath

- Analyzed CDIS/network data with Splunk and Wireshark, correlated suspicious IP/port/event patterns, and used Catalyst to document artifacts, triage findings, and impact analysis.

BRIDGE (Building Resources, Inclusion, Development, Guidance, and Equity)

- Developed a Python/SQL platform connecting students with scholarships, mentors, and academic resources; applied HCI research, iterative prototyping, usability testing, and Figma-based user-centered design.

LEADERSHIP AND INVOLVEMENT

- Member: Knight Hackers, Society of Women Engineers (SWE), Girls Who Code, National Society of Black Engineers
- Leader: Vice President of Every Nation Campus Ministry | Designer, Vital Church | Assistant Executive Director, KORT UCF