

LaKhari King

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EDUCATION

North Carolina A&T State University

Bachelor of Science in Information Technology | GPA: 3.53/4.00

Aug. 2022 – May 2026

Greensboro, NC

Relevant Coursework: Introduction to UNIX/Linux, Computer Programming, Web Systems, Database Management

Certifications: Cisco Certified Support Technician, IBM Z Xplore, HTML/CSS/JavaScript Essentials (Cisco)

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, HTML/CSS

Operating Systems: macOS, Windows OS, Ubuntu, Red Hat, Kali Linux, Fedora Linux, z/OS

Software & Tools: AWS, VMware, XGBoost, scikit-learn, Node.js, Express.js, MockAPI, REST APIs

Developer Tools: Git, MySQL, Microsoft SQL Server, Gemini API, OpenAI API, Claude API, VS Code

EXPERIENCE & LEADERSHIP

Plexus Corporation

Information Technology Intern

May 2025 – Aug. 2025

Raleigh, NC

- Deployed critical software to **100+** employees via Active Directory and SCCM, standardizing enterprise configurations and improving system accessibility and operational efficiency.
- Imaged **10+** laptops weekly to support employee onboarding and hardware refresh cycles, reducing setup delays and improving workstation readiness across teams.

Summer STEM/Career Accelerator Program

Team Lead / Mentor

May 2025 – Jul. 2025

Raleigh, NC

- Led **20+** students through RC car build-and-test cycles, coordinating real-time troubleshooting of wiring and programming failures and guiding all teams to fully functional outcomes.
- Translated complex robotics and programming concepts into accessible instruction for students across all skill levels, with every team successfully completing and operating their vehicle.

NC A&T MSEIP Student Research Program

Undergraduate Researcher | Investigating Vulnerabilities on Wired and Wireless Networks

Oct. 2024 – May 2025

Greensboro, NC

- Executed wireless packet capture and penetration testing across **50+** live networks on Kali Linux, identifying WPA2/WPA3 weaknesses and reducing exploitable security gaps by **40%**.

PROJECTS

Vigil.AI | Python, JavaScript, XGBoost, scikit-learn, LLM APIs

GitHub | [View Project](#)

- Built an ML detection pipeline using XGBoost on the CIC-DDoS 2019 dataset, achieving **95%** accuracy across **100,000+** records through cross-validation and feature selection.
- Integrated **3** LLMs (Gemini, OpenAI, Claude) to automatically translate model predictions into human-readable threat explanations, improving analyst clarity by **25–30%**.
- Built prompt workflows across **6+** DDoS attack categories using RAG-style grounding, achieving **80–90%** user-level interpretation confidence across all tested attack types.
- Delivered a full-stack monitoring dashboard reducing alert investigation time by **10%** by centralizing threat data, anomaly alerts, and LLM explanations in a single interface.

Help Desk AI Assistant | React, Node.js, Claude API, REST APIs, Git

GitHub | [View Project](#)

- Built a full-stack AI-powered IT Help Desk with React and Node.js, managing **5+** ticket categories and **4** priority levels with real-time status tracking.
- Integrated Anthropic Claude API to auto-triage support tickets, generating priority, category, and **3+** fix suggestions per submission in under **2** seconds.
- Developed RESTful API with **15+** endpoints handling ticket CRUD, user authentication, AI chat, and knowledge base Q&A with CORS and rate limiting.

Custom Ubuntu ISO | Ubuntu, Cubic, Dracut, TPM2, Ubuntu Landscape

GitHub | [View Project](#)

- Automated a pre-configured Ubuntu ISO using Cubic, standardizing enterprise workstation deployment across **100+** endpoints and eliminating manual provisioning steps.
- Integrated Rapid7, PanGP, and SentinelOne into the automated build pipeline, achieving **100%** endpoint security coverage for vulnerability scanning, VPN, and endpoint protection.