

# LaKhari King

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## EDUCATION

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### North Carolina A&T State University

May 2026

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

*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

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**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

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### Plexus Corporation

May – Aug. 2025

*Information Technology Intern*

*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.
- Built a secure, pre-configured Ubuntu ISO with Cubic to streamline enterprise workstation deployments, eliminating manual provisioning steps for **100+** endpoints.

### Summer STEM/Career Accelerator Program

May – Jul. 2025

*Team Lead / Mentor*

*Raleigh, NC*

- Coordinated structured sessions for **20+** students building and programming RC cars, troubleshooting wiring and control issues while guiding structured testing activities.
- Delivered instruction on robotics fundamentals, wiring techniques, and programming logic to help students design and operate functional RC vehicles.
- Facilitated team-based activities encouraging collaboration and peer learning across multiple student groups, reinforcing applied STEM problem-solving skills.

### NC A&T ARROWS Research

Jul. – Aug. 2024

*Undergraduate Research Assistant*

*Greensboro, NC*

- Executed wireless traffic capture and penetration testing across **50+** networks on Kali Linux, reducing security gaps by **40%** through WPA2/WPA3 vulnerability analysis.
- Conducted dictionary attacks, cracking **70%** of weak-credential networks to quantify password vulnerability and inform enterprise hardening recommendations.

## PROJECTS

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### 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+** network traffic records.
- Integrated **3** LLMs (Gemini, OpenAI, Claude) to translate model predictions into human-readable threat explanations, improving analyst interpretation clarity by **25–30%**.
- Designed prompt workflows covering **6+** attack categories, achieving **80–90%** user-level threat interpretation confidence during structured testing.
- Contributed to a full-stack monitoring dashboard reducing alert investigation time by **10%** through faster visualization and contextual threat explanations.

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

GitHub | [View Project](#)

- Automated a pre-configured Ubuntu ISO with Cubic, standardizing deployment across **100+** enterprise workstations and eliminating manual provisioning steps.
- Deployed Rapid7, PanGP, and SentinelOne for vulnerability scanning, VPN, and endpoint protection, securing **100%** of fleet endpoints.
- Improved boot-time security for **100+** endpoints with TPM2 auto-unlock via Dracut and crypttab, eliminating manual decryption at startup.