

Miles Johnson

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EDUCATION

North Carolina A&T, B.S. in Computer Science, GPA: 3.75

May 2029

Honors: Chancellor's List (Fall 2025), Aggie Merit Scholarship recipient, 2x USA Taekwondo National Team

Relevant Coursework: Data Structures and Algorithms, Computer Program Design, Discrete Structures, Social Implications of Computing, Intro to Computer Programming

Member: Association for Computing Machinery (ACM), Project Renaissance, Noble Brothers & Sisters, SpeakOut

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, JavaScript

Frameworks & Tools: Git/GitHub, Flask (Python), React, Next.js, REST APIs, JWT Authentication

AI/ML Tools: LLM Integration (OpenAI, Claude), Voice AI (Whisper, TTS)

Security Tools: CrowdStrike, Zscaler (ZIA, ZPA, ZDX – trained), Qualys (trained), Okta (familiarization)

EXPERIENCE

Cyber & Security Operations Intern | Ridge IT Cyber

May 2026 - Aug 2026

- Triaged 30+ endpoint and identity-based alerts weekly in CrowdStrike, identifying and applying exclusion rules that significantly cut recurring false-positive noise across managed devices
- Completed Zscaler zero trust training (ZIA, ZPA, ZDX) and shadowed engineers configuring access policies, SSL/TLS inspection, and App Connector Groups for live client environments
- Drafted professional security communications and documented configuration changes, supporting policy reviews, IdP migration, and version profile management across client environments
- Supported client onboarding for CrowdStrike deployments, contributing to kickoff calls, product demos, and hands-on identity protection training

PROJECTS

PitchPad | 1st Place — Team Project (NCAT Hackathon - Lenovo)

Mar 2026

- Built with TypeScript/Next.js and Python, integrating Claude's API to process user-submitted business ideas and generate structured pitch deck content and slide formatting, reducing prep time from weeks to <5 minutes
- Built a real-time AI coaching feature using GPT-4o and OpenAI Whisper, delivering automated feedback on pitch delivery (pacing, clarity, confidence) through voice analysis
- Architected 12+ RESTful APIs with JWT authentication, enabling secure multi-user pitch creation, AI coaching sessions, and real-time slide generation workflows

ScholarSync | 3rd Place — Team Project (NCAT Hackathon - Bank of America)

Apr 2026

- Built a full-stack financial wellness platform (TypeScript/Next.js, Python) consolidating 5+ student pain points (expenses, scholarships, GPA tracking, career planning) into a single dashboard
- Engineered a voice-enabled AI advisor (OpenAI Whisper, GPT-4o, TTS) that analyzed user behavior to deliver real-time, personalized guidance and productivity/budgeting insights across academics and career planning

Heart Care AI | Team Project (NCAT Hackathon - Medtronic)

Nov 2025

- Built an AI medical website for Medtronic using Python (Flask/FastAPI), JavaScript, and an OpenAI LLM that translated and simplified cardiac documents in 100+ languages
- Developed an interactive quiz engine and reward system grounded in hackathon research on gamified health education, projected to boost patient engagement by 30-40% and reduce cardiac readmission rates
- Engineered Supabase-based authentication and real-time dashboards, enabling scalable, secure patient monitoring

WORK & LEADERSHIP

Cyber Development SIG Lead | ACM | North Carolina A&T

Mar 2026 - Present

- Design and lead a dedicated cybersecurity workshop each semester for the ACM Cyber Dev SIG, covering topics such as network security, endpoint protection, and ethical hacking
- Co-facilitate roughly 5 ACM general meetings per semester, supporting hands-on labs and project development for the broader membership

Social Media Chair | Project Renaissance | North Carolina A&T

Aug 2025 - Present

- Grow and manage the organization's social media presence across platforms, producing content and campaigns that drive member engagement and event attendance
- Coordinate cross-platform promotional campaigns spotlighting community service initiatives and member achievements to strengthen organizational visibility