

Kyler Nats

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SUMMARY

Cybersecurity Analyst with an M.S. in MIS and hands-on experience securing banking environments, cloud infrastructure, and endpoint ecosystems. Skilled in modernizing SOC operations, engineering automated incident response workflows, and establishing robust security governance frameworks to ensure regulatory compliance and protect critical assets.

EDUCATION

University of Arizona, Eller College of Management

Tucson, Arizona

Master of Science in Management Information Systems

January 2025 - May 2026

- **Concentration:** Information Security & Assurance
- **Relevant Coursework:** Pentesting/Ethical Hacking, Cloud Computing, Enterprise Data Management, Data Mining & Machine Learning, Computer Networking

Bachelor of Science in Management Information Systems

August 2022 - May 2025

- **GPA:** 3.8 | **Honors:** Magna Cum Laude, ZipperMan Scholar, Dean's List

CERTIFICATIONS, VOLUNTEER & SECURITY FRAMEWORKS

Certifications: AWS Certified Cloud Practitioner, OCEG IAIP, Cybr Intro to AWS Security

Volunteer: FutureCon Cybersecurity Conference, Cyber Education for K-12 Students, OSINT Research

Security Frameworks: NIST AI RMF, NIST 800-53, NIST CSF 2.0, MITRE ATT&CK, CMMC 2.0, SOC 2

WORK EXPERIENCE

Cybersecurity Analyst

Remote

Sunflower Bank, N.A.

May 2026 - Present

- Lead secure AI enablement across 1,500+ enterprise users; engineer DLP controls and data-loss policies for Microsoft Copilot, preventing NPI leakage and ensuring GLBA/banking compliance.
- Author 55+ alert runbooks across SIEM and EDR environments, standardizing triage pathways and reducing MTTR by 35%.
- Build the enterprise Business Email Compromise (BEC) and email response playbooks, cutting threat containment time by 40% and mitigating wire-fraud risk.
- Design and own a 3-tier access exception framework (Manager → IT Risk → CISO) processing 40+ weekly tickets, eliminating SoD bypasses and maintaining 100% audit readiness.

Graduate Research Analyst

Tucson, Arizona

University of Arizona, McKeever MIS Lab

August 2025 - May 2026

- Leading an Information Security Risk Management (RMaP) project for the McKeever Lab, performing a formal gap analysis of 58 critical security controls using UASecure and the NIST 800-53 framework to ensure alignment with University and federal standards.
- Engineering an Elastic Stack (ELK) solution to centralize log data and automate security monitoring, improving real time threat visibility and reporting efficiency by 25%.

Security Operations Analyst - Internship

Lakewood, Colorado

FirstBank

May 2025 - August 2025

- Investigated and contained real-time network threats for 2,500+ endpoints using Splunk and CrowdStrike Falcon while leading a project to draft 10+ standardized incident response playbooks that reduced investigation time by 20%.
- Collaborated with cloud security teams to migrate disaster recovery to AWS, implementing automated failover that eliminated resilience as a critical vulnerability for 2,500+ employees.
- Integrated AI driven analytics and machine learning cues into Proofpoint to automate phishing detection, successfully reducing manual investigative tasks by 30% and drastically cutting false positive rates.

LEADERSHIP & PROJECTS

UA Baseball Strategic Consultant - Project Manager

Tucson, Arizona

Eller College of Management

December 2025 - May 2026

- Leading a data-driven engagement strategy to scale fan attendance potential by an estimated 20%, leveraging 14M+ data points to bridge an awareness leakage and increase organization revenue by 10%.

Founder

Tucson, Arizona

Arizona Fitness Club

July 2023 - May 2025

- Founded UA's first bodybuilding-focused club, scaling to 180+ members and 800+ social followers while leading workshops on nutrition, training, and member retention.

SKILLS

Technologies: Splunk, CrowdStrike, Carbon Black, Proofpoint, ELK Stack, AWS, Terraform, Wireshark

Technical Skills: Incident Response, Detection Engineering, Alert Triage, DLP, AI Governance, Python, SQL