

Kyler Nats

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SUMMARY

Master of Science in Management Information Systems professional with a concentration in cybersecurity, bringing hands-on experience in incident response, threat investigation, and security monitoring using Splunk, CrowdStrike, and Proofpoint. Proven ability to reduce risk, secure systems, and enhance organizational resilience in the financial services industry. Eager to apply technical expertise, analytical skills, and leadership potential to protect critical assets and drive effective cybersecurity strategies.

SKILLS

Technologies: Splunk, CrowdStrike Falcon, Proofpoint, AWS, Terraform, Kubernetes, Wireshark, Docker

Technical Skills: Networking, Incident Response, Automation, Phishing Investigation, SQL, Python

Soft Skills: Communication, Analytical Thinking, Problem-Solving, Adaptability, Leadership, Resilience

CERTIFICATIONS, VOLUNTEER & SECURITY FRAMEWORKS

Certifications: AWS Certified Cloud Practitioner, Cybr Intro to AWS Security, Cybr Terraform on AWS

Volunteer: FutureCon Cybersecurity Conference, Cyber Education for K-12 Students, CO Hospice Care

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

WORK EXPERIENCE

Graduate Research Analyst

Tucson, Arizona

University of Arizona, McKeever MIS Lab

August 2025 - Present

- 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 using Splunk and CrowdStrike Falcon while leading initiatives to draft standardized incident response documentation to enhance enterprise governance
- Collaborated with cloud security teams to migrate disaster recovery operations from on premises infrastructure to AWS, implementing automated failover strategies that strengthened business continuity 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

IT & Digital Marketing Analyst - Internship

Centennial, Colorado

Cherry Creek Insurance Group (CCIG)

May 2024 - August 2024

- Led on several IT initiatives including the setup and optimization of Google Analytics on the corporate website and troubleshooting employee computer issues and upgrades
- Collaborated cross-functionally with IT, Marketing, and Sales to modernize email signatures and implement a digital business card solution, enhancing company-wide communication

LEADERSHIP & PROJECTS

UA Baseball Strategic Consultant - Project Manager

Tucson, Arizona

Eller College of Management

December 2025 - Present

- 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 the University of Arizona's first bodybuilding-focused student club, creating a 180+ member community. Led social media campaigns and organized workshops with industry professionals to educate members on nutrition, training, and industry best practices

EDUCATION

University of Arizona, Eller College of Management

Tucson, Arizona

Master of Science in Management Information Systems

Expected: 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

Completed: May 2025

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