

Mark McGuire

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PROFESSIONAL SUMMARY

Security-focused Systems Administrator with extensive expertise in multi-site Windows environments and modern cloud security tooling (Microsoft 365, Defender, Intune, Entra ID). Adept at balancing robust infrastructure administration with proactive risk mitigation. Recognized for leading cross-functional compliance frameworks (NIST 800-53, NIST CSF 2.0, and ISO 27001), yielding a 34% improvement in regulatory alignment.

PROFESSIONAL EXPERIENCE

Assistant IT Systems Administrator

November 2024 – Present

Rose Management Group | Tucson, AZ

- Managed the full lifecycle of vulnerability tracking and remediation, ensuring all identified CVEs were mitigated in accordance with corporate risk appetite thresholds.
- Discovered horizontal privilege escalation vectors during an internal penetration test; implemented GPOs and corrected share permissions to secure over 25 thousand files containing PII and PHI.
- Discovered and mitigated “Living off the Land” techniques by restricting unauthorized PowerShell execution, effectively neutralizing network and Active Directory enumeration vectors for over one thousand accounts.
- Owned deployment, executive communication, user training, and documentation for a company-wide email encryption rollout, enabling non-technical users and defining mandatory use cases to secure data handling.
- Assisted in systems infrastructure upkeep and IAM workflows, administering user lifecycles, and endpoint configuration while resolving Tier two and three helpdesk tickets to ensure system stability and customer satisfaction.
- Led candidate interviews and selection recommendations for a junior technician role, subsequently owning their onboarding, training, and ongoing mentorship.
- Collaborated with third-party vendors to resolve three critical integration issues that had caused database inconsistencies and user access errors.

Client Service Technician

June 2023 - October 2024

Rose Management Group | Tucson, AZ

- Delivered Tier one technical support and triage across six locations; resolving hardware, software, and networking issues with structured troubleshooting and detailed ticket lifecycle documentation.

CERTIFICATIONS

CompTIA: A+, Net+, Sec+, Cloud+ | **Axelos:** ITIL Foundations | **Linux Professional Institute:** Linux Essentials

EDUCATION

Master of Science in Cybersecurity and Information Assurance

Starting July 2026

Western Governors University | Salt Lake City, UT

Anticipated Program Certifications: CompTIA CySA+, CompTIA PenTest+, CompTIA Security X, ISACA CISM

Bachelor of Science in Network Engineering and Security

December 2023-May 2026

Western Governors University | Salt Lake City, UT

Academic Capstone: Multi-site Cisco network simulation implementing OSPF/eBGP, HSRP, IPsec VPN, ACLs, DHCP Snooping, DAI.

Bachelor of Science in Business Administration

August 2021-December 2022

University of Arizona | Tucson, AZ

SKILLS

Systems & Identity: Active Directory, Group Policy, M365 Administration, Entra, Intune, Exchange Online, PDQ Inventory/Deploy

Security: Microsoft Defender, Microsoft Sentinel, Vulnerability Assessment and Remediation, Penetration Testing, Security Event Monitoring, Incident Response, Permissions and Configuration Audits

General: Technical Documentation, Vendor Management, Change Management, Regulatory Compliance