

DYLAN SHROLL

Des Moines, Iowa • [linkedin.com/in/dylanshroll](https://www.linkedin.com/in/dylanshroll) • me@dylanshroll.com

PROFESSIONAL SUMMARY

Cybersecurity engineer with 6+ years of experience spanning cloud security, application security, threat hunting, and security program leadership across highly regulated industries including healthcare, financial services, and lottery. Specializes in **AI-powered cyber deception operations** and **behavior-science-driven security awareness**. Proven ability to build and lead security programs, conduct original research, and translate complex threats into actionable strategy for technical and executive audiences. Published speaker at Blue Team Con, Iowa Technology Summit, and QC Women in Tech Conference.

CORE COMPETENCIES

Security Engineering: Network Security & Firewall Management • EDR/MDR/XDR • IDS/IPS • DLP • Endpoint & Mobile Device Security • NAC • Identity & Access Management • Vulnerability Management • Threat Hunting • Incident Response

Architecture & Cloud: AWS Cloud Security • Application Security • STRIDE Threat Modeling • Terraform & CloudFormation • Docker & Kubernetes • CI/CD Security Integration • SIEM/SOAR

AI & Development: AI-Powered Cyber Deception • LangChain & LangGraph • Python • PowerShell • Automation & Tooling Development

Leadership & Governance: Security Program Leadership • Regulatory Compliance (SOC 2, HIPAA, Financial) • Security Policy Development • Vendor Evaluation & Management • Security Awareness & Culture • Team Mentorship & Talent Development • Change Management • Cross-Functional Stakeholder Communication

PROFESSIONAL EXPERIENCE

Security Engineer | Revology

Dec 2024 – Present

Des Moines, Iowa

- Serve as **security engineer** for cloud-native healthcare revenue cycle management startup, owning application security, cloud security, endpoint security, and security awareness across the organization
- Design and execute application and infrastructure-as-code security processes across the SDLC, integrating StackHawk DAST, GitHub Advanced Security, and Nightfall DLP into actionable workflows
- Facilitate **SOC 2 Type II** engagement for product, managing evidence collection and control implementation
- Design and deliver quarterly **“Hacky Hour” security awareness sessions** using behavior-science principles and creative theming, replacing fear-based compliance training with trust-based engagement that drives measurable behavior change
- Collaborate cross-functionally with engineering, product, and operations teams to embed security into development and deployment workflows from design through production
- Conduct **STRIDE threat modeling** across AWS architecture to identify and prioritize risk

Systems Security Manager | West Bank

Jul 2023 – Dec 2024

West Des Moines, Iowa

- Led security operations team responsible for engineering, monitoring, incident response, and audit readiness across a regulated financial institution
- Piloted and deployed **enterprise-wide password manager**, driving adoption across all employees and facilitating measurable improvements in credential hygiene and security posture
- Revamped **EDR/MDR technology stack**, evaluating vendors, retiring legacy tooling, and deploying modern endpoint detection and response across the enterprise
- Led **network security design and implementation** for new headquarters and branch locations, architecting security controls from the ground up
- Managed vendor relationships across the cybersecurity space, conducting evaluations, negotiating contracts, and aligning tooling decisions with organizational risk posture and budget

- Served as primary liaison with **external auditors, regulators, and law enforcement** on cybersecurity matters, managing audit responses and compliance evidence
- Developed and implemented comprehensive security policies, procedures, and standards to safeguard digital assets in alignment with financial regulatory requirements

Information Security Analyst | Multi-State Lottery Association

Jan 2022 – May 2023

Johnston, Iowa

- **Reduced mean time to respond** on SIEM escalations by 5 days through process optimization and triage improvements
- Designed and launched security internship program, building a pipeline of job-ready analysts to fill team vacancies
- Served as primary escalation point for physical and technical incident response, increasing organizational visibility and reporting metrics
- Conducted original research on **security culture and behavioral influence**, driving maturation of awareness programs and measurable improvements in security culture metrics
- Managed in-depth access reviews and served as SME for vulnerability management program
- Founded the MUSL Culture Committee, leading teambuilding and culture-building initiatives across the organization

Telecom Specialist | Wright Service Corp

Sep 2020 – Dec 2021

Des Moines, Iowa

- Managed Cisco Meraki and JAMF Pro MDM environments supporting **6,000+ iOS devices** across US, Canada, and Puerto Rico, serving as resident SME on iOS MDM framework implementation
- Led proof-of-value testing integrating Cisco Duo and Umbrella with MDM across 500+ devices, developing policy recommendations and communications for executive stakeholders
- Built vendor relationships across telecom, software, and hardware supply chains; produced cost-benefit analyses that increased procurement agility and reduced costs
- Served as mobile device project lead and escalation point, scaling mobility infrastructure and processes to meet growing business demands

IT Consultant | QCI, Inc (Wright Service Corp)

Jan 2020 – Sep 2020

Des Moines, Iowa

- Configured, deployed, and managed 6,000+ iOS devices for remote employees across US and Canada while clearing documentation backlog and resolving outstanding configuration issues
- Advocated for mobile endpoint security hardening and access control improvements
- Built custom data analysis tools and procedures to streamline system integrations and support workflows

SPEAKING & RESEARCH

- **“Lies, Lures, and LLMs: AI-Enhanced Social Engineering & Cyber Deception”** — Blue Team Con 2025, Iowa Technology Summit 2025, QC Women in Tech Conference 2025
- Ongoing research and development of **Project Ossian**, an AI-powered cyber deception platform leveraging LLMs for realistic decoy infrastructure, synthetic identity generation, and real-time attacker interaction

COMMUNITY LEADERSHIP

- **Board Member**, Des Moines Queer Youth Resource Center (QYRC) — including pro bono technology audit and digital security consulting
- **2024 Iowa Tech Connect Program**, Technology Association of Iowa

CREDENTIALS

- **Associate of (ISC)²** — 2022–2023