



# Michael Anderson

## Sr. Manager, Medical Device Cyber Security

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### SUMMARY

Cybersecurity professional with over 8 years of experience strengthens device security and complies with regulations. Led efforts to enhance vulnerability management while collaborating effectively across teams. Integrated secure design principles into product development, aligned strategies with industry standards, and guided team growth in threat detection and compliance. A strong advocate for regulatory adherence facilitates successful submissions while achieving organizational cybersecurity goals.

### STRENGTHS

- Team Leadership**  
Guided a team of analysts, building their skills through hands-on training and shared learning experiences.
- Compliance Expertise**  
Crafted policies reflecting both FDA and ISO guidelines, elevating organizational adherence and team awareness.
- Cross-functional Collaboration**  
Worked cross-departmentally, uniting various perspectives to optimize cybersecurity strategies for better outcomes.
- Risk Assessment Skills**  
Established thorough evaluation processes leading to swifter identification and resolution of potential vulnerabilities.
- Strategic Planning**  
Developed action plans referencing best practices combined with insightful analytics to anticipate future challenges.

### SKILLS

Cybersecurity Strategy Development

Regulatory Compliance

Risk Assessment

Vulnerability Management

Team Leadership

Secure Software Development Life Cycle

Threat Modeling

### EXPERIENCE

#### Sr. Manager, Medical Device Cyber Security

Innovative Tech Solutions 📅 January 2021 - Present 📍 Chicago, IL

Oversee cybersecurity programs for medical devices, integrating secure practices into the R&D workflow. Ensure compliance with FDA guidelines for safe device development. Spearhead initiatives addressing software vulnerabilities while mentoring a diverse team of analysts dedicated to enhancing product safety.

- Develop and implement comprehensive cybersecurity roadmaps aligning with enterprise strategies.
- Collaborate seamlessly with R&D and engineering teams, ensuring security principles apply from initial design through deployment.
- Define and execute SBOM generation strategies for all product lines.
- Mentor cybersecurity analysts, fostering their growth in operational competency and risk management.

#### Cybersecurity Analyst

HealthTech Innovations 📅 June 2016 - December 2020 📍 San Francisco, CA

Analyzed and mitigated cybersecurity threats associated with medical devices, readily implementing effective security measures. Worked closely with multiple departments to create consistent policies that adhered to regulatory standards for healthcare technology.

- Conducted rigorous vulnerability assessments and testing on advanced medical equipment.
- Assisted in crafting cybersecurity policies compliant with FDA requirements.
- Partnered with engineers to embed essential security features within product designs.
- Provided actionable insights during incident response procedures, earning commendation for contributions to team objectives.

### LEADERSHIP & AWARDS

- Received Employee Excellence Award for outstanding leadership and mentorship in cybersecurity.
- Recognized for successful delivery of comprehensive regulatory compliance training across teams.

### EDUCATION

#### Bachelor's Degree in Information Technology

University of Illinois 🎓 GPA: 3.8 📅 2016 📍 Chicago, IL

**Coursework:** Cybersecurity, Data Protection, Risk Management, Software Development

### CERTIFICATIONS

- Certified Information Systems Security Professional (CISSP) 📅 2020
- Certified Information Security Manager (CISM) 📅 2019

Incident Response

Policy Development

Security Architecture Design

Penetration Testing

Software Bill of Materials

Employee Training

Quality Assurance Standards

Device Design Compliance

## LANGUAGES

English Native

Spanish Intermediate

## MY CAREER



- Sr. Manager, Medical Device Cyber Security at Innovative Tech Solutions (5.3 Years)

- Cybersecurity Analyst at HealthTech Innovations (4.5 Years)

## TECHNICAL SKILLS

- **Cybersecurity Tools:** Nessus, Burp Suite, Metasploit
- **Secure Coding Practices:** OWASP, SANS Top 25
- **Regulatory Frameworks:** ISO 27001, NIST, HIPAA
- **Project Management Tools:** JIRA, Trello, Asana
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Architecture Modeling:** IBM Rational Rose, Enterprise Architect
- **Configuration Management:** Chef, Puppet, Ansible
- **Version Control:** Git, Subversion, Mercurial
- **Testing Frameworks:** JUnit, Selenium, TestNG
- **Data Encryption Methods:** AES, RSA, TLS

## PROFESSIONAL AFFILIATIONS

- Member of the International Association for Privacy Professionals (IAPP).
- Contributor to cybersecurity knowledge-sharing forums and local meetups.

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST