

# Christopher Ashby

## Cyber Attack Detection and Threat Response Leader

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## Summary

Solutions-oriented, accomplished, security thought leader with proven experience participating in a broad range of corporate initiatives including architecting, implementing, and supporting information security solutions in direct support of business objectives.

A passion for solving complex security problems with proven skills prioritizing and managing multiple security initiatives with high visibility and drive results-based solutions with an emphasis on the reduction of risk while driving up resiliency within organizations.

## PROFESSIONAL EXPERIENCE

### Senior Security Engineer, Global Security Solutions

Alexion Pharmaceuticals, New Haven, CT, 2019–Present

Created and lead the cybersecurity threat hunting, purple team, and vulnerability programs across the organization. Acted as a threat reduction subject matter expert in various working groups to continuously drive down risk. Other key responsibilities included

- Collaboratively across the IT enterprise to resolve identified issues and/or vulnerabilities.
- Implemented continuous process improvement into cybersecurity incident response tactics, techniques, procedures.
- Served as a role model, teacher, mentor for security analysts, and IT workforce who weren't well versed in cyber risk or security operations.
- Work closely with the Security Center of Excellence technical team to configure, tune, and improve cybersecurity sensors, sensor settings, sensor policy configurations.

### Cyber Intel Watch Commander

Digitalware, New York, NY, 2019–2019

Responsibilities included developing the long-term strategy and executing day to day management of a 24x7 Fusion Center environment which included a multi-faceted elite team of technology engineers, data scientists, security analysts, and threat researcher serving multiple clients across various verticals including banking, entertainment and, local state governments.

- Conducted daily strategic threat briefings for high profile customers that included in-depth threat-actor assessments, TTPs, and risk reduction remediations.
- Authored and disseminated various threat notifications including, alerts, notifications, and penetration testing reports.
- Maintained and managed third-party relationships including law enforcement, government officials, and vertical partners

## SKILLS

Network and Systems  
Operation Security

Vulnerability Management

Penetration Testing

Enterprise Security  
Architecture

Incident Response

Malware Analysis

Policy and Governance

Project Management

Creative Thinking

SIEM Architecture and Management

Identity Access Management

Security Program Metrics

NIST CSF Framework

Cyber Threat Intelligence

Security Orchestration  
and Automation

Employee Training  
and Development

Stakeholder Management

Data Privacy

## Publications

PenTest Regular Magazine  
Pass-The-Hash Attacks  
Published April 2013

Article explaining the post exploitation attack technique that is used to obtain user account hashes from either client workstations or domain servers and then use this information to elevate privileges and/or create new authenticated sessions.

## Director, Information Security

CBS Corporation, New York, NY, 2013–2018

Developed and managed the threat intelligence strategy consisting of the following subcomponents providing a holistic view of the security landscape across the enterprise.

- Security Incident Event Management (SIEM)
- Vulnerability & Patch Management
- Web Application Security Management

Managed and automated the collection of OSINT & Commercial threat feeds producing operational intelligence for remote teams.

Generated and delivered routine business readiness intelligence providing an early warning of potential threats to the CBS global network and content.

Managed a team of security analysts responsible for proactively identifying threats.

Created and distributed threat metrics, advisories, and daily threat briefings that clearly articulated the security landscape to executives.

## Principle IT Security Analyst

GLOBALFOUNDRIES, Malta, NY, 2011-2013

Work as a team lead responsible for US security operations within a manufacturing facility. General responsibilities included security operations, architecture and security solutions design as necessary to support mission critical global operations.

- Provide technical leadership to the enterprise for the information security programs and team members.
- Recommend, implement and maintain, new and existing security infrastructure including IPS, Firewalls, Proxy and VPN devices.
- Assess threat, risk, and vulnerabilities from emerging security issues using various organic and vendor implemented solutions including ArcSight, RSA, Bluecoat, Checkpoint, Tenable Security and Metasploit.

## Information Security Specialist

The Active Network, Saratoga, NY, 2010-2011

Work as a security subject matter expert providing support and leadership on various company initiatives including PCI compliance testing; security architecture reviews; vulnerability discovery and penetration testing services.

## Information Security Specialist

SAIC, Albany, NY, 2009-2010

Work as part of a team of security specialist performing various administrative forensic investigations utilizing open source and commercial toolkits including Helix v3, FTK Pro v2.x, and Sleuth Kit.

## Senior Information Security Specialist

ReserveAmerica, Malta, NY, 2008-2009

Developed and executed various internal white-hat penetration tests against newly interconnected infrastructures and attached hosts ensuring proper mitigating security controls were in place.

## PenTest Extra Magazine Automating Malware Analysis with Cuckoo

Published August 2013

A How-To article on implementing an automated virtual environment to aid in the identification and analysis of potentially malicious software for analyst within a controlled environment.

## PenTest Regular Magazine Extending Cuckoo Framework

Published November 2013

Article describing some of the advanced features, capabilities, and extending the Cuckoo Platform. Also discusses how all the gathered analysis could be used to generate meaningful reports.

## Professional Associations

InfraGard Member

<https://www.infragard.org>

USCC Alum

<https://www.uscyberchallenge.org>

Operations Security Trust

<https://openid.ops-trust.net>

ISC – Southern CT Chapter

<http://www.isc2ct.org/>

## Certifications

**Certified Information Systems  
Security Professional - CISSP**

**Certified Cloud Security  
Professional – CCSP**

**Certified Information Security  
Manager – CISM**

**Comptia Security+**

**EC-Council Certified Security  
Analyst – ECSA**

**ITIL v3**