accumentum PATHPROOF

CYBERSECURITY · SOC OPERATIONS · THREAT DETECTION · OSINT · INVESTIGATIONS




# Christopher Ham

// Security+ · SecurityX · CySA+ · CCNA · CISM · CEH · eCIH · Splunk

Cybersecurity professional transitioning into cyber operations after a 25-year law enforcement career. Since retiring in February 2024, focused on cybersecurity training, hands-on labs, and role-aligned experience toward SOC, DFIR, and threat intelligence work. Holder-asserted Security+, SecurityX, CySA+, CCNA, CISM, CEH, and eCIH.

25 Years Law Enforcement | 13 Certifications Earned | 100% Critical Vuln Reduction | 50% Endpoint Isolation Gain | Home SOC Lab

| | |
|---|---|
| OPENNESS | Open to roles |
| PATHLOCK | Not connected |
| STATUS | Best aligned for SOC analyst, threat intelligence, DFIR, cyber defense, and security operations roles |
| FOCUS | Threat detection, vulnerability remediation, open-source intelligence, IoT defense, and investigation-informed security operations |
| LAB | Home SOC lab running Splunk, Microsoft Sentinel, Microsoft Defender for Endpoint, and Tenable |
| PUBLIC PROFILE | pathproof.accumentum.net/p/christopher-ham |

## 01 By the Numbers

**25**

### Years of Investigative Experience

Christopher brings more than two decades of law enforcement, evidence handling, interviewing, behavioral analysis, and multi-agency coordination into cybersecurity operations.

**13**

### Cyber Certifications

Since retiring in February 2024, he has built a dense certification stack aligned to SOC operations, incident handling, ethical hacking, OSINT, and management-level security judgment.

**100%**

### Critical Vulnerabilities Eliminated

Supported vulnerability remediation by combining Tenable assessment work, PowerShell scripting, and risk-based prioritization to drive measurable security outcomes.

**60%**

### Arson Case Closure Lift

Applied structured evidence analysis and investigative rigor in law enforcement, strengthening the analytical foundation that now informs his cyber and threat-analysis mindset.

## 02 Highlights

VULNERABILITY MANAGEMENT · POWERSHELL · RISK PRIORITIZATION

### Delivered Measurable Vulnerability Reduction

During his cybersecurity support analyst internship, Christopher helped reduce critical vulnerabilities by 100%, high-risk findings by 90%, and medium-risk exposure by 76% through scanning, remediation planning, and PowerShell-driven execution.

Tenable · PowerShell · Remediation · Risk Prioritization

MICROSOFT DEFENDER · DETECTION ENGINEERING · ENDPOINT RESPONSE

### Improved Endpoint Response Efficiency

Built custom detection rules in Microsoft Defender that automated endpoint isolation and produced a 50% efficiency gain, reinforcing Christopher's practical skill in operationalizing defensive controls.

Microsoft Defender · Detection Rules · Endpoint Isolation · SOC Workflow

OSINT · IOT SECURITY · CRITICAL INFRASTRUCTURE

### Applied Cyber Defense to Connected Infrastructure

Through the Hydroficient IoT Cyber Defense externship, Christopher analyzed connected water-system architectures, mapped attack surfaces, performed threat modeling, and documented cyber defense considerations for public-safety-relevant infrastructure.

IoT Security · Threat Modeling · Critical Infrastructure · OSINT Mindset

INVESTIGATIONS · THREAT AWARENESS · CHAIN OF CUSTODY

### Brings Field-Tested Judgment Into Cybersecurity

Christopher's law enforcement career developed strengths in evidence collection, chain-of-custody documentation, interviewing, surveillance, behavioral threat assessment, and multi-agency coordination that transfer directly into modern SOC, DFIR, and threat-intelligence functions.

DFIR Readiness · Evidence Handling · Threat Assessment · Investigations

## 03 Experience

EXTERN / HYDROFICIENT PROGRAM · REMOTE · IOT CYBER DEFENSE · CRITICAL INFRASTRUCTURE · EXTERNSHIP — Jan 2026 — Present

### IoT Cyber Defense Extern

- Analyzes real-world IoT water-system architectures, including sensors, gateways, cloud dashboards, and remote control components.
- Identifies attack surfaces across firmware, network communications, cloud services, and web-based management interfaces.
- Performs threat modeling for critical infrastructure environments, including risks tied to unauthorized access, service disruption, and data manipulation.
- Applies cyber defense principles to help protect operational continuity and public-safety-relevant systems.
- Documents findings through structured system mapping and security analysis deliverables.

LOG(N) PACIFIC · REMOTE · CYBERSECURITY OPERATIONS · VULNERABILITY MANAGEMENT · INTERNSHIP

Jan 2025 — May 2025

### Cyber Security Support Analyst

- Conducted vulnerability scans and implemented PowerShell-based remediation strategies in support of cybersecurity operations.
- Helped drive a 100% reduction in critical vulnerabilities, 90% reduction in high-risk findings, and 76% reduction in medium-risk findings.
- Used Tenable-driven scan analysis and risk prioritization to support remediation planning and compliance-oriented assessment work.
- Managed vulnerability-remediation tasks, communicated findings to the server team, and improved transparency around remediation status.
- Developed custom Microsoft Defender detection rules that automated endpoint isolation and improved efficiency by 50%.

BERGEN COUNTY SHERIFF'S OFFICE · UNITED STATES · LAW ENFORCEMENT · LEADERSHIP · RISK MANAGEMENT

Jan 2014 — Feb 2024

### Sheriff Officer

- Provided law enforcement services across Bergen County with a focus on patrol, risk management, and incident response.
- Led a team of 10 officers during high-pressure situations, bringing leadership and operational judgment to critical incidents.
- Applied firewall and NSG-style defensive thinking in training and lab-aligned scenarios to eliminate brute-force attack pathways.
- Used Microsoft Sentinel dashboards and data analysis concepts to strengthen monitoring and threat-awareness exercises.
- Improved patrol response efficiency by 30% and supported public safety through strong coordination with community stakeholders.

BERGEN COUNTY POLICE · PARAMUS, NEW JERSEY · INVESTIGATIONS · FIELD TRAINING · MULTI-AGENCY COORDINATION

Jun 2003 — Jan 2014

### Police Officer

- Conducted patrol, detective, and arson-investigation work in a high-accountability public safety environment.
- Increased arson case closure rates by 60% through detailed evidence analysis and disciplined investigative processes.
- Led field training for new officers, reinforcing operational readiness, judgment, and procedural discipline.
- Managed multi-agency response coordination during large-scale incidents and communicated findings to judicial teams in support of prosecutions.
- Helped reduce reported crimes by 20% through consistent patrol presence and effective community-based enforcement.

CITY OF PATERSON · PATERSON, NEW JERSEY · PATROL · COMMUNITY ENGAGEMENT · INVESTIGATIVE FOUNDATIONS

Jan 1999 — Jun 2003

### Police Officer

- Focused on patrol, detective work, and community engagement in high-risk operational areas.
- Helped reduce criminal activity by 25% through strategic presence and targeted detection-oriented patrol practices.
- Solved 50% of assigned cases through thorough investigation and evidence development.
- Led community policing efforts that improved cooperation and trust with local residents.
- Implemented safety protocols that reduced officer injuries by 30%, reflecting disciplined risk-management practices.

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## 04 Credentials & Qualifications

Vendor certifications are holder-asserted unless a live issuer check succeeded

CORE CYBERSECURITY

### Security+, SecurityX, and CySA+

Christopher's core CompTIA security pathway supports SOC operations, defensive analysis, risk-based remediation, and broader security operations readiness.

ADVANCED SECURITY

### CISM, CEH, eCIH, and CCNA

His certification stack blends security management, offensive awareness, incident handling, and network fundamentals into a well-rounded analyst foundation.

SPECIALIZED SKILLS

### OSINT, Splunk, and Digital Forensics Exposure

Additional credentials and simulations support Christopher's emphasis on OSINT, threat detection, digital forensics fundamentals, and analyst tooling fluency.

ACCUMENTUM®

### CAIPM, SecurityX, CIH, and CEH

Accumentum training helped deepen Christopher's understanding of AI program governance, incident handling, and adversarial techniques relevant to modern security operations.

| | |
|---|---|
| Security+ · CompTIA | Holder-asserted |
| SecurityX · CompTIA | Holder-asserted |
| CySA+ · CompTIA | Holder-asserted |
| CCNA · Cisco | Holder-asserted |
| CISM · ISACA | Holder-asserted |
| CEH · EC-Council | Holder-asserted |
| eCIH · Issuer | Holder-asserted |

## 05 Technical Skills

// SECURITY OPERATIONS

| | |
|---|---|
| Threat Detection | Core · 95 |
| Vulnerability Management | Advanced · 92 |
| Microsoft Defender | Advanced · 88 |
| Microsoft Sentinel | Strong · 86 |

// ANALYSIS & INTELLIGENCE

| | |
|---|---|
| OSINT | Core · 95 |
| Threat Assessment | Advanced · 91 |
| Evidence Handling | Advanced · 93 |
| Chain of Custody Documentation | Strong · 89 |

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// TOOLS & PLATFORMS

| | |
|---|---|
| Splunk | Core · 90 |
| Tenable | Advanced · 89 |
| PowerShell | Strong · 85 |
| IoT Security Analysis | Strong · 84 |

// LEADERSHIP & RESPONSE

| | |
|---|---|
| Incident Response Mindset | Core · 92 |
| High-Pressure Decision Making | Core · 94 |
| Multi-Agency Coordination | Advanced · 90 |
| Interviewing and Behavioral Analysis | Strong · 88 |

## 06 Let's Put Christopher To Work

Best aligned for SOC analyst, cyber defense, threat intelligence, DFIR, vulnerability management, detection engineering support, and security operations roles where investigative discipline, evidence handling, and threat-focused judgment strengthen technical execution.

## 07 Education

THOMAS EDISON STATE UNIVERSITY

### M.S. in Cybersecurity (In Progress)

Christopher is continuing his transition into cybersecurity through graduate study focused on deepening his technical and strategic security foundation.

METRO STATE UNIVERSITY

### Cybersecurity Architecture

Formal study in cybersecurity architecture supports Christopher's understanding of secure design, network defense, and enterprise security structure.

ACCUMENTUM®

### AI Program Management and Advanced Cyber Training

Accumentum-backed training includes Certified AI Program Manager, SecurityX, Certified Incident Handler, and Certified Ethical Hacker, strengthening Christopher's readiness for modern cyber operations.

CURRENT TRAINING

### Per Scholas, CyberSkills2Work, and Carolina Cyber Center

Christopher continues full-time development through structured cybersecurity training pathways focused on AI tools, cyber defense, and analyst skill growth.

PathPay funds the path. PathPass gets you through the exam. PathLock keeps the letters. PathProof shows the work.

Accumentum confirms the training and practical work completed with us. Certifications are listed by the professional, and many can be checked with the issuing organization in one click.

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