

# ALEX ROBERT KLEINER

Senior Cyber Security Auditor | Risk and Threat Intelligence Analyst | Penetration Tester | Consultant | Automator

CISSP, GPEN, GCTI, GCSA, ITIL 4, FSCE, GSLC [in progress],

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Results-driven, analytical, and thorough security leader with a wide range of information and cyber security work history across all domains. Experiences include a premier cyber security focused government agency, the largest private non-profit cancer center in the world, as well as many enterprise corporations such as a major independent investment bank. Technical skills, many of which are industry level certified, include but are not limited to information security enterprise risk management, security auditing, penetration testing, cloud security, automation, cyber threat intelligence, cyber policy, and industry best practice consulting. Excels at communicating complex information into easily intelligible concepts for executive and nontechnical stakeholders. Champions stakeholder engagement in the security process. Adept at automating and optimizing information security initiatives. Self-starter with leadership qualities who thrives in fast-paced environments.

## Skill Highlights

### Risk Assessment:

Able to accurately assess risk and security posture through qualitative or quantitative methods of enterprise solutions (on-site and cloud), vendor relationships, data sharing relationships, research studies, RFPs, and infrastructure.

### Cyber and Information Security Policy:

Able to review, develop, audit, and contribute to the implementation of policies, standards, procedures, guidelines, and SOPs.

### Governance, Risk, and Compliance (GRC), and Auditing:

Able to enhance and enforce security policy, identify gaps both technical and procedural, verify security controls, as well as both utilize and optimize complex GRC tools to both ensure and report on governance, risk, and compliance objectives. Familiar with many regulatory requirements, industry standards, and frameworks, such as HIPAA, ISO 27000 series, NIST CSF, COBIT, and more.

### Automation (GCSA):

Able to identify both technical and procedural workflows that can be optimized and automated, as well as implement both technical and procedural solutions, including cloud security automation.

### Penetration Testing (GPEN):

Able to perform tests on complex technologies and environments, including enterprise cloud solutions, traditional on-site infrastructures, web applications (OWASP), mobile technologies, mobile applications, enterprise software, specialized hardware, custom in-house software, APIs, and system integrations.

### Cyber Threat Intelligence (GCTI):

Able to utilize SIEM solutions, analyze event data and correlations, monitor threat feeds, identify IOCs, incorporate the MITRE ATT&CK framework, and identify areas of improvement ("lessons learned").

### Industry Best Practice Consulting:

Able to consult, advise, provide expert advice, and assist on security projects or initiatives to ensure alignment with current industry best practices.

### Cloud Security (GCSA):

Able to utilize next-gen advanced technologies, such as anti-malware and intrusion detection technology, that utilize machine learning to detect behavioral anomalies as opposed to signature matching.

### Programming:

Able to create, understand, and in some cases, reverse engineer software and scripts.

## Highlights of Enterprise Products Experience & Open-Source Tools

Qualys, Nexpose, Nessus and other Tenable Solutions (such as Security Center), ForeScout CounterACT, Splunk, RSA Archer, Reciprocity ZenGRC, AuditBoard, Logigate, Burp, Zed attack proxy, nmap, sqlmap, Metasploit, Netcat, John the Ripper, empire, Hydra, Arachni, Demisto, SSLabs, Citrix, Salesforce, BMC Remedy, Jira, Imperva SecureSphere Web Application Firewall, Imperva SecureSphere Database Activity Monitoring, Imperva Incapsula, Zscaler, LookOut, CheckPoint MTP, Zimerium zIPS, Zimerium zANTI, MobileIron, AirWatch, ForcePoint (formerly WebSense) Triton, Intel/McAfee SIEM, Cylance, Cyphort, FireEye, CrowdStrike, Thycotic, Xcode, Wordpress, Visual Studio, Coda, Eclipse, Teamviewer, Final Cut Pro X (and 7), Adobe Premiere Pro, After Effects, Illustrator, Grass Valley Edius, BoinxTV, Kali, fing, ettercap, zANTI, spoofing tools

## UN Recognition, Certifications & Education

### UN Recognition:

- Inducted into the UN Information Security Hall of Fame
- Convoked to and passed all phases of the UN Young Professionals YPP IST 2019 exams (final interview scheduled for after the time of this writing)

### Certifications:

Certified Information System Security Professional (CISSP), GIAC Penetration Tester (GPEN), ITIL 4 Foundation in IT Service Management, GIAC Cyber Threat Intelligence (GCTI), GIAC Cloud Security Automation (GCSA), GIAC Security Leadership Certification (GSLC) [in progress], Qualys Certified Specialist, ForeScout Certified Engineer (FSCE), ForeScout Certified Administrator (FSCA), Zscaler ZCCA, Cylance Certified Administrator, FireEye Illuminator, considering PRINCE2, considering OSCP

### Education:

1. Bachelor of Science in Computer Science
2. Bachelor of Arts in Experimental Cinema & Production  
State University of New York - Binghamton University

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Additional information on my Information Security experience, Cinematics, Leadership, and Press Mentions can be found at [www.AlexRobertKleiner.net](http://www.AlexRobertKleiner.net)

## Work Experience Highlights

- New York City Cyber Command** ..... **New York, NY**  
*Senior Cyber Security Auditor, Consultant, and Civil Servant* ..... *April 2021 - Present*
- Reviewed, developed, audited, and contributed to the implementation of city-wide cyber security policies, standards, procedures, guidelines, and standard operating procedures (SOPs) in support of all NYC covered organizations, agencies, and entities
  - Pioneered new city-wide risk acceptance program paradigm
  - Senior contributor in the development of new city-wide annual agency cyber audit process
  - Led comprehensive long-term cyber security audits of NYC agencies identifying findings, drafting mitigation strategies, and providing support and expert advice on best practices across all domains (including architecture), often directly to agency heads and CISOs, additionally ensuring controls validation and quality assurance
  - Tested, implemented, rolled out, and maintained new GRC tool, including mappings of frameworks and policies
  - Led and trained junior staff as well as provided information security best practice training, consulting, and awareness to stakeholders
  - Often presented new developments in the field and updates of department's program to entire agency
  - Conducted interviews and made direct recommendations to the hiring manager for entry level candidates
  - Ensured security is never a roadblock, but instead a method to protect and enable the mission
- Memorial Sloan Kettering Cancer Center** ..... **New York, NY**  
*Information Security Risk Analyst, Penetration Tester, Threat Intelligence Analyst, and Consultant* ..... *Nov 2016 - April 2021*
- Performed more than 550 independent, complex information security risk assessments encompassing enterprise solutions (on-site and cloud), vendor relationships, data sharing relationships, research studies, RFPs, and internal infrastructure changes, communicating risks to business owners
  - Conducted more than 275 penetration tests on complex technologies and environments, including enterprise cloud solutions, web applications, mobile technologies and applications, enterprise software, medical devices, in-house software, APIs, and system integrations
  - Pioneered significant enhancements and automation into the cyber risk program, including risk assessment techniques and methodologies within the organization to increase accuracy and efficiency
  - Entered threats into GRC risk register
  - Monitored threat feeds for indicators of compromise, analyzing causes of security incidents and developing mitigation strategies for preventative controls ("lessons learned"), which were then presented in threat briefing meetings with CISO
  - Served as a security consultant and advisor on large organization-wide IT initiatives
  - Trained new staff in the security process and security best practices
  - During height of COVID-19 emergency hospital response, took on a multifaceted role to ensure the security of the center's data and digital infrastructure, enable a remote workforce, and act as emergency support for other critical hospital functions
- CipherTechs, Inc.** ..... **New York, NY**  
*Information Security Auditor, Consultant, Security Operations Center Analyst, and Incident Responder* ..... *August 2015 - Nov 2016*
- Worked predominately on-site at enterprise clients to offer a wide variety of security solutions utilizing a significant range of skill sets
  - Often reported directly to many clients' CISOs at a multitude of industries including the finance, media, and health sectors
  - In between on-site engagements, would function as a security analyst for our clients in the SOC with a focus on monitoring network and endpoint security, threat intelligence, and incident response
  - Ushered in Mobile Security as a new area of solution offerings for the firm and was assigned interns to assist in this effort
- Binghamton University Graphics and Image Computing Laboratory** ..... **Binghamton, NY**  
*Undergraduate Research Assistant* ..... *Jan 2014 - May 2014*
- Assisted in lab experiments capturing facial emotion with 3D camera technology while also recording a subject's vital signs, integrated Leap-motion Controllers into lab research projects, established relationship between the lab and Cinema Department for research efforts
- Binghamton Television Channel 6 / University Office of the President / Student Association** ..... **Binghamton, NY**  
*Founder and President* ..... *August 2011 - May 2013*
- Elected by University President's Office, Student Association, and the general student body to develop, design, and lead as the president of a new, modern, and interactive television studio for Binghamton University
  - Oversaw a \$25,000 budget that was awarded by the university to develop a TV station within a two-year time frame
  - Created the constitution of the organization, recruited 200 active members and created production departments
  - Authorized by both the Computer Science and Cinema Departments to hire interns and assign them four-credit letter grades
  - Built custom PC and "Hackintosh" tower computers to control custom-designed interactive studio at affordable price points
  - Designed custom software for both digital switching and inventory control; created website to display station schedule
  - Trained members in applicable technology, television production, and editing
  - Acted as a student leader by empowering the student body through offering the station's services as a creative and public outlet
- Binghamton University TEDx via Harpur College Dean's Office** ..... **Binghamton, NY**  
*Event Organizer and Technical Director* ..... *February 2012 - May 2013*
- Brought the TEDx conference to the university as an annually recurring event; developed event website and social media presence
- Kleiner Capital Management, LLC** ..... **Marlboro, NJ**  
*Technology and Security Specialist* ..... *August 2004 - May 2013*
- Drafted security policies and procedures for the company and audited the controls implemented; trained staff in security best practices
  - Purchased, installed, and supported multiple server-class machines and software systems for financial trading services
  - Installed and managed sophisticated enterprise software and the APIs linking them for live market data and trading
  - Interacted with non-technical customers to assist them with technology business functions, networking, and maintaining systems
- Binghamton University Scholar's Office** ..... **Binghamton, NY**  
*Intern* ..... *August 2011 - December 2011*
- Individually transferred, configured, and installed new computers, networks, and office machinery to a new office location
- Marlboro Township - Marlboro Cable Television M.C.T.V. 77** ..... **Marlboro, NJ**  
*Producer, Host, and Digital Editor* ..... *June 2006 - May 2009*
- Created, hosted, and edited own show titled "Student Views" for local township television in conjunction with mayor's office
  - Operated multiple aspects of the studio during live broadcasts, such as switching, lighting control, and camera operations
- See Front Side ->
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