# PROFESSIONAL PROFILE:

*Detail-oriented and hard-working professional with comprehensive training, experience and expertise in information security, cyber security, Open-Source Intelligence (OSINT), digital forensics and red team assessments. Possess exceptional skills in digital and physical penetration testing. Utilize multitude of tools and applications to identify exploits and other security gaps. Seeking new opportunities to leverage existing experience and build upon proven skill sets.*

# CORE COMPETENCIES

* Digital & Physical Penetration Testing
* Digital Forensics/Incident Response
* Network Architecture
* Social Engineering Assessments
* Cyber Security (Offensive/Defensive)
* Information Security Management
* Client Relationship Management
* Software & Hardware Troubleshooting

## PROFESSIONAL EXPERIENCE: ZENX SECURITY

**Information Security Consultant**

New York 2015 to Present

Consult with small businesses and individuals to assess information security needs. Identify digital and physical vulnerabilities of computer networks. Provide digital forensics services, including consulting with legal teams for civil suits. Set up secure network architecture, including establishment of firewalls, IPS/IDS, log management, VPNs and secure wireless protocols/APs. Configure hardware and software based upon client needs. Perform vulnerability scans to determine, trace and identify potential network and endpoint vulnerabilities. Write scripts and utilize tools to automate vulnerability testing of web applications and internal networks. Collaborate with colleagues to perform white, grey and blackbox penetration testing.

## APPLE

**Software Trainer/Technical Support**

New York 2007 to Present

Troubleshoot hardware and software for customers as well as internal users. Perform testing to identify root cause of problem. Utilize internal tools to repair applications and remove adware and other malicious applications. Performed vulnerability assessments on internal systems to identify vulnerabilities and improve security of internal procedures used within retail store setting. Create plans for improving security and communication protocols. Serve as technical expert in music production software, Logic Pro; train customers on software/hardware use.

Highlights:

* + Developed automated testing procedure through reverse-engineering of third-party malware removal application, significantly reducing turn-around time for customers.
  + Presented idea to senior management regarding improvement of employee authentication protocols on handheld POS devices; introduced new plan to implement use of token-based cards comparable to other 2FA methods.
  + Performed vulnerability assessments on internal systems and identified flaws in security permission protocols potentially allowing access to sensitive company data.
  + Created proof of concept for potential scenario where threat actors could take advantage of weak access controls and poor detective/reporting features within retail POS system to potentially cost single retail store up to $500,000 in lost merchandise and cash.

## UNSOUND MEDIA PUBLISHING

**Music Publisher**

New York, NY / Los Angeles, Ca

1997 to 2014

Composed, produced and published commercial music. Negotiated contracts with distributors. Effectively managed products and ensured deliverables met client expectations.

*~ Additional Experience Continued on Page Two ~*

Page Two

## EDUCATION & CERTIFICATIONS: STONY BROOK UNIVERSITY

Coursework in Business & Psychology

## Continuing Education: EC-Council

Stony Brook, NY

Certified Ethical Hacker, Certified Chief Information Security Officer, Computer Hacking Forensic Investigator, Certified Incident Handler, Certified Encryption Specialist, Certified Network Security

Administrator, Certified Secure Programmer (.NET)

## Offensive Security

Penetration Testing with Kali Linux

Cracking the Perimeter (advanced attack vectors and pentest skills) Wireless Attacks - WiFu

## Point3 Security Escalate

CyberSecurity - Offensive and Defensive Measures

## Magnet Forensics

Magnet Axiom AX200 - Advanced Digital Forensics Techniques

## Intel Techniques

Open Source Intelligence Gathering (OSINT) | Privacy & Digital Security

## Online Seminar Courses

API Security: Offense and Defense, Cryptanalysis for Pentesters, Malicious Packet Analysis & Network Defense, Practical Fuzzing for Pentesters, Python for Hackers and Pentesters, Ransomware Forensics, Software Reverse Engineering Techniques, Windows Registry and Log Analysis, Windows x86 Exploit Development, Analyzing malicious documents

## Certifications:

Offensive Security Wireless Professional (OWSP), License #OS-BWA-016067 Certified Ethical Hacker CEHv9, License #ECC55229293113

Information Security Manager EISM, License #ECC50419861881

Computer Hacking Forensic Investigator CHFIv8, License #ECC64012302444 Magnet Certified Forensic Examiner, MCFE (AXIOM)

Certified Incident Handler ECIHv1, License #ECC28833074002

Certified Secure Programmer ECSP (.NET), License #ECC2279358560 Certified Encryption Specialist ECESv1, License #ECC80971665901

Certified Network Security Administrator ENSAv4, License #ECC9972103493 Certified Blockchain Developer, License #11228745

Certified Blockchain Expert, License #11163309 Certified Cryptocurrency Expert, License #11313434 Certified Smart Contract Developer, License #11304079 Certified Solidity Developer, License #11257372

## SOFTWARE & HARDWARE TOOLS:

Kali Linux, Buscador, macOS, Windows, Linux, Magnet Axiom, Ida Pro, GDB, Immunity Debugger, Nmap, Burp Suite, Metasploit, Veil, Powershell Empire, Mimikatz, Aircrack-ng, Recon-ng, Masscan, Shodan.io, CrackMapExec, Responder, Powershell AD Module, Wireshark, Tcpdump, pfsense, Snort, Kiwi Syslog, WiFi Pineapple, LAN Turtle, Bash Bunny, Rubber Ducky, Software Defined Radio Kit, Ubertooth One, Yard Stick One, Packet Squirrel, Proxmark 3, Raspberry Pi’s, Arduinos, Cisco Routers & Switches

*~ Professional References Available Upon Request ~*