

# Sam Herschel

## Cyber Security Analyst

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Diligent cyber security analyst with 3+ years of experience securing systems and data. Seeking to deliver airtight information security at Cypherdyne Systems. Cut security risk 23% at S&V Inc. through automation, training, backups, firewalls, and physical controls.

## Experience

2016 - 2019	<b>Cyber Security Analyst</b> <i>Secure &amp; Validated Inc., Chicago, IL</i> <ul style="list-style-type: none"><li>• Worked with development team to harden business firewall.</li><li>• Planned, developed, and implemented a robust backup system for all vital company data, reducing data loss to zero.</li><li>• Installed system of physical access controls including POLP, badges, laptop locks, password vaults, and biometrics to cut risk 20%.</li><li>• Cut sniffing and spoofing attacks to zero by implementing scheduled updates for Wi-Fi software, firmware, and hardware.</li><li>• Enforced regular password changes from all employees.</li></ul> <b>Key Achievement:</b> <ul style="list-style-type: none"><li>• Slashed risk of cyber attacks by 23% by using automatic updates and training all 450+ employees in information security best practices.</li></ul>
2014 - 2016	<b>Network Engineer</b> <i>Webnominal, Inc.</i> <ul style="list-style-type: none"><li>• Monitored and secured 30+ websites with 0 successful attacks.</li><li>• Worked with clients to find best cost-effective ways to minimize security risk. Helped slash risks by an average of 30%.</li><li>• Lowered malware threats by 40% with use of ad blockers, switching users to Google Chrome, and implementing automatic updates.</li></ul>

## Education

2010 - 2014	<b>BS in Network Engineering</b> <i>DePaul University, Chicago, IL</i> <p><b>Relevant Coursework:</b> Cyber Crime, Ethical Hacking, Malware Analysis, Network Forensics, Database Security, Penetration Testing</p> <p><b>Key Achievement:</b> Completed senior project in Cyber Forensics that cut security risk of a working website by 75%.</p>
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## Skills

risk analysis	■■■■■
malware analysis	■■■■■
intrusion detection	■■■■■
Python scripting	■■■■■
data analytics	■■■■■
communication	■■■■■