# Sam Herschel

## Cyber Security Analyst

## Personal Info

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**Instagram**
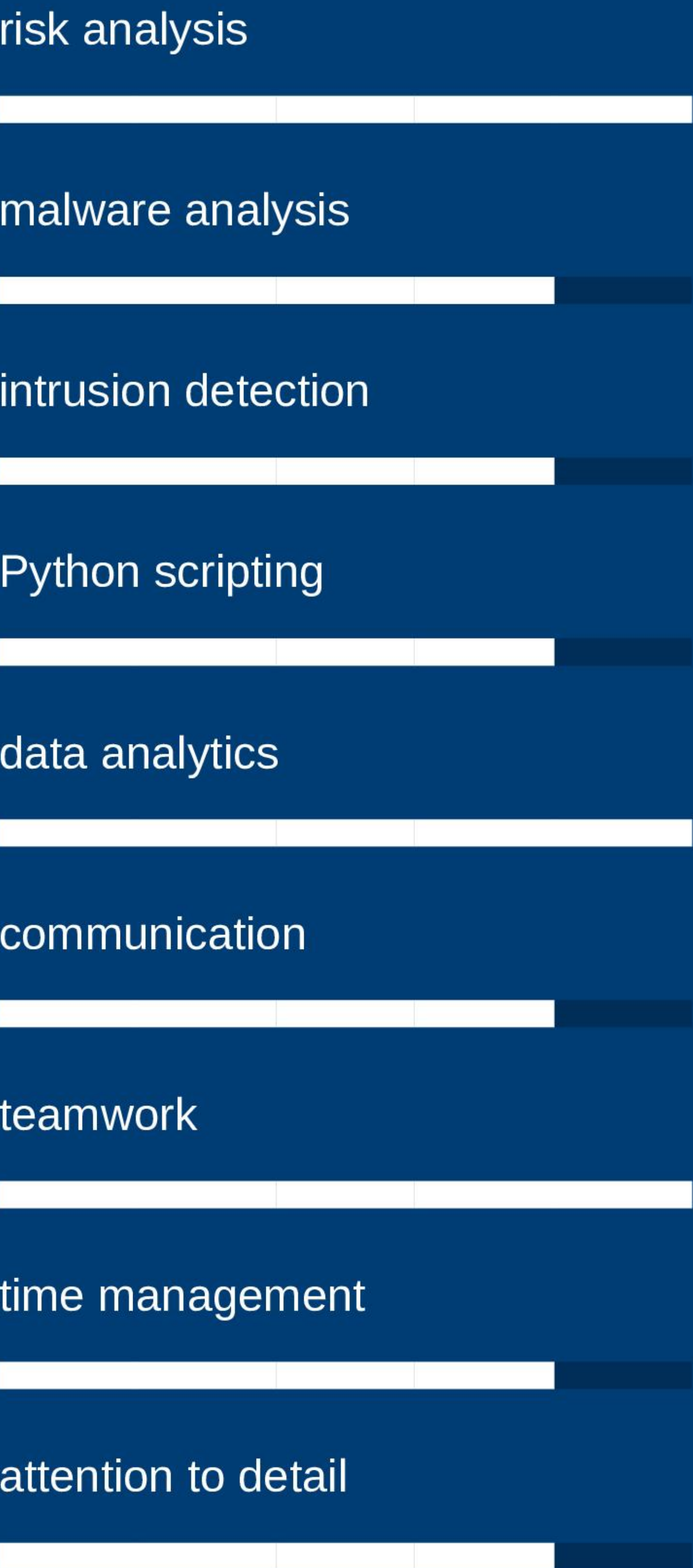instagram.com/samzherschel

**LinkedIn**
linkedin.com/in/samzherschel

**Twitter**
twitter.com/samzherschel

## Skills

risk analysis

malware analysis

intrusion detection

Python scripting

data analytics

communication

teamwork

time management

attention to detail

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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**

### Cyber Security Analyst
*Secure & Validated Inc., Chicago, IL*

- Worked with development team to harden business firewall.
- Planned, developed, and implemented a robust backup system for all vital company data, reducing data loss to zero.
- Installed system of physical access controls including POLP, badges, laptop locks, password vaults, and biometrics to cut risk 20%.
- Cut sniffing and spoofing attacks to zero by implementing scheduled updates for Wi-Fi software, firmware, and hardware.
- Enforced regular password changes from all employees.

**Key Achievement:**

- Slashed risk of cyber attacks by 23% by using automatic updates and training all 450+ employees in information security best practices.

**2014 - 2016**

### Network Engineer
*Webnominal, Inc.*

- Monitored and secured 30+ websites with 0 successful attacks.
- Worked with clients to find best cost-effective ways to minimize security risk. Helped slash risks by an average of 30%.
- Lowered malware threats by 40% with use of ad blockers, switching users to Google Chrome, and implementing automatic updates.

## Education

**2010 - 2014**

### BS in Network Engineering
*DePaul University, Chicago, IL*

**Relevant Coursework:** Cyber Crime, Ethical Hacking, Malware Analysis, Network Forensics, Database Security, Penetration Testing

**Key Achievement:** Completed senior project in Cyber Forensics that cut security risk of a working website by 75%.

## Security Clearance

**2018**     DoD National Security Clearance — Secret

## Certifications

**2019**     CISSP — Certified Information Systems Security Professional — (ISC)2

**2020**     CISM — Certified Information Security Manager — ISACA