

# Timothy Kang

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Tkang6@hawk.iit.edu | (224)-766-9402 | Personal website with projects: <http://timkang.me/>

## Professional Experience

### **IT SECURITY SYS ADMIN | ABN AMRO CLEARING CHICAGO | CHICAGO, IL | JULY 2019 – NOW**

- Leading global vulnerability management, focusing on prioritization of higher risk vulnerabilities based on CVE/VPR/additional analysis while working with global counterparts and MSSP. Also coordinating with Management Team to ensure proper escalation of vulnerability remediation and providing continuous communication of existing vulnerabilities and remediation plans. (Tenable Nessus)
- Directing the local and global teams in developing security awareness program which includes training campaigns, phishing campaigns, clicker remedial training, yearly assessments, global communications, documentation of KRIs/KPIs for management, and planned events. (KnowBe4 and ProofPoint)
- Supporting day-to-day administration and monitoring of security tools and IT security operations. (AlienVault, Cisco Secure Endpoint/AMP, CarbonBlack, StealthBits, Sonatype NexusIQ, and CrowdStrike)
- Providing evidence to auditors specifically for IT security controls to identify gaps and establish maturity level (NIST and COBIT frameworks). This also includes regular security audit requirements requested by internal and external auditors. (EY and MCT)
- Creating and maintaining IT procedures, policies, incident response plans, and other documentation.
- Guiding and training new security interns and employees that join the security team.
- Participating in incident and change management to provide security perspective and input.
- Leading initiative in responding to all user reported phishing emails and conducting immediate incident response in the event of a clicker.
- Engaging in active highly sensitive and high priority security incidents due to zero days and other critical scenarios.
- Communicating with both management and non-technical audience to properly explain technical findings.

### **NETWORK AND SECURITY INTERN | ENSONO | DOWNERS GROVE, IL | JUNE 2018 – NOV 2018**

- Worked alongside and shadowed networking and security engineers for the client support team.
- Created documentation for networking team onboarding and network/security access to client environments.
- Engaged in name standardizations of CMDB configuration items.
- Gained experience with networking tools. (Entuity, Asset Portfolio Management, Apptemetry, and Xtraction)

## Education

### **ILLINOIS INSTITUTE OF TECHNOLOGY**

- Master's in Cyber Forensics and Security (May 2019) - GPA: 3.80/4.0
- Bachelor's in IT and Management (May 2019) - GPA: 3.93/4.0 - Specialization: System Administration

## Skills & Languages

- Programming Languages: Python, Java, PowerShell, BASH, Perl, HTML, CSS, MySQL
- Software/OS: Metasploit, Kali, WinHex, FTK Imager, ProDiscover, ADB, Magnet AXIOM, AWS, Wireshark
- Bilingual: English and Korean

## Activities & Accomplishments

- Attended ThotCon (2016), BSides Chicago (2018), CypherCon (2019), multiple BurbSec Prime meetups (2019)
- Presented findings for ForenSecure Conference (April 2018)
- Participated in National Cyber League (Spring 2018, Fall 2018, Spring 2019)

## Certifications

- CompTIA Security+ certification (April 2021)
- Currently studying for AWS Certified Solutions Architect and Pen Test+