Timothy Kang

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Education

ILLINOIS INSTITUTE OF TECHNOLOGY
· Master's in Cyber Forensics and Security (May 2019)
    o GPA: 3.80/4.0
    o Related Coursework: Vulnerability Analysis and Control, Cyber Security Technologies, Cyber Security Management, Cyber Forensics, Mobile Device Forensics, OS Security
· Bachelor's in Information Technology and Management (May 2019)
    o GPA: 3.93/4.0
    o Related Coursework: Intro to Open Source OS, Intermediate Software Development, Data Modeling and Applications, Intro to Data Networks and the Internet
    o Specialization: System Administration
        ▪ Related Coursework: Network Administration and Operations, Shell Scripting for Sys Admins, Enterprise End-User Sys Admin, Enterprise Server Administration

Work Experience

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.
    o Updated a list of CIs to check if it is up to standard and develop a key and plan for each category
· Was exposed to Cisco and Checkpoint devices/software.
· Gained experience with networking tools- Entuity, Asset Portfolio Management, Apptemetry, and Xtraction

RECEPTIONIST | AHN ORTHODONTICS | LINCOLNSHIRE, IL | SEPT 2016 – JUNE 2017

DENTAL TECHNICIAN- 3D SCANNER | VITALITY DENTAL ARTS | ELGIN, IL | FEB 2014 - NOV 2014

Skills & Languages

· Programming Languages: Python, Java, PowerShell, BASH, Perl, HTML, CSS, JavaScript, MySQL
· Software: Metasploit, Kali Tools, 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) – Peak National Rank: 162
· Dean's List and Member of Albert Dorman Honors College at New Jersey Institute of Technology
· Presidential Scholar and Member of Phi Theta Kappa Honor Society at Oakton Community College
· Dean's List and Summa Cum Laude at Illinois Institute of Technology

Projects

· **Virtual Assistants Talk for ForenSecure Conference-** Discussed privacy and security aspects of Google Home. Used tools such as Kali Linux, Wireshark, Blue Hydra service, and Metasploit. (April 2018)
· **Forensics Report-** Given a mystery master image and using forensic tools to create a bit-by-bit copy and dig through to find hidden items. Used tools such as FTK Imager, ProDiscover Basic, and WinHex. (April 2018)
· **Security Audit-** Conducted an audit on a school's policies so that it is compliant with NIST's "protect" cybersecurity framework guidelines. (Nov 2018)
· **Penetration Test Report-** Being given a system and using tools to scan for vulnerabilities and penetrate the target. Used tools such as nmap, Nikto, OpenVAS, and Vega. (Nov 2018)
· **Programming Projects**
    o **Python:** N-Body Simulation, Guitar String Simulation, DNA Edit-Distance (Nov-Dec 2019)
    o **Java:** Virtual ATM Machine (Nov 2016), Help Desk Trouble Ticket System (April 2017)
· **Capture the Flags-** KringleCon 2018, National Cyber League, Hack the Box (2 boxes completed)