

# Timothy Kang

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Personal website: <http://timkang.me/> | Project repositories: <https://github.com/kancel94>

## Education

### ILLINOIS INSTITUTE OF TECHNOLOGY (LOCATION: CHICAGO, IL)

- Aug 2016 – May 2019
- Current GPA (undergrad): 3.92/4.0
- Current GPA (grad): 3.71/4.0
- Co-terminal program (both BA and Masters)
  - Bachelor: Information Technology & Management (Specialization in Sys admin)
  - Master: Cyber Forensics and Security

## Related Coursework (for cybersecurity, forensics, sys admin, etc.)

- Cyber Security Technologies
- Cyber Security Management
- Vulnerability Analysis and Control
- Cyber Forensics
- Mobile Device Forensics
- Network Administration and Operations
- Shell Scripting for Sys Admins
- Enterprise End-User Sys Admin
- Intro to Data Networks and the Internet
- Data Modeling and Applications
- Intro to Open Source OS
- Intermediate Software Development

## Work Experience

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

- Member of client support networking and security team
- Exposure to Cisco and Checkpoint devices/software
- Experience with networking tools- Entuity, Asset Portfolio Management, Apptemetry, Xtraction, etc.

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

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

## Skills & Languages

- Linux, Python, Forensic Tools (WinHex, FTK Imager, ProDiscover, EnCase, ADB, Magnet AXIOM), Java, PowerShell, BASH, Perl, HTML, CSS, JavaScript, MySQL, AWS, Wireshark, Microsoft Office
- English, Korean (Fluent in both)

## Activities & Accomplishments

- Attended ThotCon (2016), BSides Chicago (2018)
- Presented findings for ForenSecure Conference on April 2018
- Dean's List and Member of Albert Dorman Honors College at NJIT
- Presidential Scholar and Member of Phi Theta Kappa Honor Society at Oakton Community College
- Dean's List at IIT
- Participated in National Cyber League Spring 2018, Fall 2018 Seasons

## Projects

- **Virtual Assistants Talk for ForenSecure Conference**- Discussing privacy and security aspects of Google Home (Tools used: Kali Linux, DHCP server, Wireshark, Blue Hydra service, Metasploit)
- **Forensics Report**- Being given a mystery master image and using forensic tools to create a bit-by-bit copy and dig through to find hidden items.
- **Security Audit**- conducted an audit on a school's policies so that it is compliant with NIST's "protect" cybersecurity framework guidelines
- **Penetration Test Report**- Being given a system and using tools to penetrate the target (Tools used: Nmap, Nikto, OpenVAS, Vega)
- **Programming Projects**
  - **Python**: N-Body Simulation, Guitar String Simulation with Ring Buffers, DNA Edit-Distance with Dynamic Programming
  - **Java**: Virtual ATM Machine, Help Desk Trouble Ticket System
- **Capture the Flags**- KringleCon