

Sunggwan Choi

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Objective

Computing Security student seeking co-op/internship in security or information technology industry. Available in Spring and/or Summer 2019.

Education

Rochester Institute of Technology

Rochester, New York

BACHELOR OF SCIENCE, COMPUTING SECURITY

Jan. 2018 - Exp. May. 2021

- GPA: 3.95/4.00
- Relevant Courses: Intro to Routing and Switching, Intro to Database Data Model, Network Services*, Intro to Cryptography*, System Administration I*
* Currently taking in Fall 2018

Awards & Certifications

AWARDS

- | | | |
|------|---|-----------------------------------|
| 2018 | RIT Founders Scholarship for International Students | Rochester Institute of Technology |
| 2018 | Dean's List | Rochester Institute of Technology |
| 2018 | 2nd place , RITSEC Spring 2018 Weekly Challenge Capture the Flag Challenge | RITSEC |

CERTIFICATION

- | | | |
|------|---|----------------|
| 2018 | eLearnSecurity - Junior Penetration Tester (eJPT) | eLearnSecurity |
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Projects

Windows Userspace Keylogger

RITSEC MENTORSHIP PROGRAM

Sep. 2018 - Oct. 2018

- Created user space keylogger for Windows with group of four students.
- Responsible for deployment stage through C++ and malicious Word macro document.

Ransomware - Build it, Understand it, Defend against it

PERSONAL SIDE PROJECT

Oct. 2018 - Present

- Developed a Proof of Concept ransomware with python
- Analyzed behavior of the ransomware and studied ways to detect the malware

RITSEC Weekly Challenges

JR. TECH LEAD

Sep. 2018 - Present

- Created weekly challenges for club members to solve. Documented challenge guides.
- Topics covered: Networking, Cloud, Web, Cryptography, Penetration Testing, Attack Life Cycle, Reverse Engineering

Work Experience

Republic of Korea Army

Seoul, S.Korea

SOCIAL SERVICE AGENT

Nov. 2014 - Nov. 2016

- Worked at Songpa-Gu district office, Human Services department
- Performed tier-1 IT help desk jobs for 40 government officials
- Retrieved and distributed donation goods to 700 Supplemental Security Income individuals in Songpa-Gu.

Activity

- | | | |
|------|----------------------|---|
| 2018 | Jr. Tech Lead | RIT Security Club |
| 2018 | Member | RITSEC Vulnerability Assessment and Penetration Testing |
| 2018 | Member | Team Contagion - RITSEC Capture the Flag Team |
| 2018 | Member | Guardians of Network - RITSEC Incident Response Team |