

Sunggwon 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

Bachelor of Science, Computing Security

• GPA: 3.95/4.00

• Relevant Courses: Intro to Routing and Switching, Intro to Database and Data Model, Network Services*, Intro to Cryptography*, System Administration I*

Rochester, New York

Jan. 2018 - Exp. May. 2021

** 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

RIT Security Club

2018 **2nd place**, University of Buffalo Lockdown - Windows Administrator

University of Buffalo

CERTIFICATION

2018 eLearnSecurity - Junior Penetration Tester (eJPT)

eLearnSecurity

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 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 Capture the Flag (CTF) type weekly challenges for club members to solve. Documented challenge write ups.
- Topics covered: Networking, Cloud, Web, Cryptography, Penetration Testing, Attack Life Cycle, Reverse Engineering

Work Experience

Republic of Korea Army

Social Service Agent

Seoul, S.Korea

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