

# Sunggwan Choi

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## Objective

Computing Security student seeking co-op/internship in security or information technology. Available in Summer 2020.

## Education

### Rochester Institute of Technology

Rochester, New York

Bachelor of Science, Computing Security

Jan. 2018 - Exp. May. 2021

- GPA: 3.74/4.00
- Relevant Courses: Intro to Routing and Switching, Intro to Database and Data Model, Network Services, Intro to Cryptography, System Administration I

## Certifications & Awards

### Certifications

2019	OSCP - Offensive Security Certified Professional	Offensive Security
2018	eLearnSecurity - Junior Penetration Tester (eJPT)	eLearnSecurity

### Awards

2018-2019	<b>Top 3 rank</b> in Attack/Defense Competitions: ISTS17, IRSEC, UB Lockdown	RITSEC, University of Buffalo
2018	RIT Founders Scholarship for International Students	RIT

## Work Experience

### RIT Eaton Cybersecurity SAFE Lab

RIT

Vulnerability Research Assistant

May. 2019 - Aug. 2019

- Found multiple CVSS High/Medium level vulnerabilities within various IoT devices, firmwares, and web applications.
- Manual vulnerability assessment using burpsuite, python scripts, sysinternals and decompilers.
- Technical writing through professional vulnerability assessment report based on the findings.

### RIT Saunders Student Accelerator Program

RIT

FriendZone - Research and Development

Jan. 2019 - May. 2019

- Intern of student start-up team which developed mobile social application.
- Conducted 90 customer discovery interviews and developed product conceptualization with security in mind.

### Republic of Korea Army

Seoul, S.Korea

Social Service Agent

Nov. 2014 - Nov. 2016

- Performed Tier-1 IT help desk jobs for 40 district office government officials.

## Projects

### Windows Userspace Keylogger

RITSEC Mentorship Program

Sep. 2018 - Oct. 2018

- Created user space keylogger for Windows with a four-person team.
- Was responsible for deployment stage through C++ and Word macro document.

### RITSEC Weekly Challenges

Tech Lead

Sep. 2018 - Present

- Creating and documenting Capture the Flag (CTF) weekly challenges for club members to solve.
- Topics covered: Networking, Web, Cryptography, Penetration Testing, Attack Life Cycle, Reverse Engineering.

## Activity

2018-Present	<b>Tech Lead</b>	RIT Security Club
2018-Present	Member	RITSEC Vulnerability Assessment and Penetration Testing
2018-Present	Member	Hack the Box - 20 user level access, 17 root level access
2018	Member	Guardians of Network - RITSEC Incident Response Team