

Sunggwon Choi

20 Fairwood Drive, Rochester, NY 14623

☎ (858) 322-4957 | ✉ sxc2679@rit.edu | 🏠 blog.sunggwanchoi.com | 📄 github.com/choisg | 🔗 linkedin.com/in/sunggwon-choi

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: Penetration Testing*, Web Application Security*, System Administration I, Network Services, Routing and Switching, Cryptography

* Currently taking 2019 Fall

Certifications & Awards

Certifications

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

Offensive Security
eLearnSecurity

Awards

- | | |
|-----------|--|
| 2018-2019 | Top 3 rank in Attack/Defense Competitions: IRSEC, ISTS17, UB Lockdown |
| 2018 | RIT Founders Scholarship for International Students |

RITSEC, University of Buffalo
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.
- Performed manual vulnerability assessment using burpsuite, python scripts, sysinternals and decompilers.
- Created professional vulnerability assessment reports 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

RITSEC Weekly Challenges

Tech Lead

Sep. 2018 - Present

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

Windows Userspace Keylogger

RITSEC Mentorship Program

Sep. 2018 - Oct. 2018

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

Activity

- | | | |
|--------------|-------------------|---|
| 2019-Present | Linux Lead | RIT Team for Collegiate Penetration Testing Competiton (CPTC) |
| 2018-Present | Tech Lead | 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 |