

# RYAN SCHANZENBACHER

<https://rschanz.org>

Contact Info Redacted for web version

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*Computing Security student at the Rochester Institute of Technology. Currently seeking a Computing Security Co-op that focuses on Systems Administration, Network Engineering, and/or Infrastructure Hardening.  
Available May 2022 - August 2022*

## EDUCATION

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### Rochester Institute of Technology (RIT)

*Expected May 2024*

Bachelor of Science in Computing Security

GPA: 3.7

Related Coursework: Software Development and Problem Solving (Python & Java), Programming for Computing Security (Python, C, x86 Assembly), Systems Administration I, Intro to Routing and Switching

## SKILLS

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**Programming Languages:** Python, Java

**Operating Systems:** Linux, Microsoft Windows

**Software:** NGINX, Git, KVM/libvirt, SSH, Docker, VirtualBox, Wireshark

## PROJECTS

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### Stoic Productions' Infrastructure

Personal Project

*February 2018 - Present*

- Sole Systems Administrator for the website <https://www.stoicproductions.org>
- It combines the use of many technologies to provide the end-user a seamless experience using the services we provide.
- Hosted on a VM provisioned using KVM and libvirt, running on Linux.
- Learned how to properly set up software such as libvirt, NGINX, Postfix, Dovecot, Docker, MariaDB, LVM, and KeyCloak Identity and Access Management.
- Utilized an AWS instance to host a livestream to approximately 100 people in January of 2022.

### Home Media Server Migration

Personal Project

*December 2021*

- Migrated my home media server to a new machine, completely re-installing the OS and services to clean-up.
- Used a repurposed backup server that has 6 drive bays, all filled with 1TB drives
- Used technologies such as mdadm RAID1 and ZFS raidz to make the system fully redundant on a drive failure.

### Security Risk Analysis

Academic Project

*August - December 2020*

- Collaborated with a partner to perform a risk analysis for a fictitious company.
- Analyzed the company's network and services for known CVEs and bad practices.
- Compiled an in-depth write up of issues located, risk associated, and overall suggestions.

## WORK EXPERIENCE

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### RIT Dining

August 2021 - Present

*Dining Systems Assistant*

*Rochester, NY*

- Part of a team responsible for managing the systems associated with the dining experience here at RIT.
- One responsibility includes being on-call when there is a hardware failure on campus, and being deployed to fix the issue in a timely manner. We utilize Service Now for ticketing.
- Maintaining an up-to-date online menu, adding new items and removing old items as required.

### Bavoso & Plotsky

Summer 2017 - Present

*File Clerk*

*Port Jervis, NY*

- Responsible for the handling of file folders once the team was finished working with the client associated with them.
- Had to enter the files into our inventorying system and then store each box once full.