

# FRED RYBIN

Computing Security Major with Focus in Networking

✉ fredrybin@gmail.com  
☎ (201) 336-4822  
in linkedin.com/in/frybin  
🌐 frybin

## EXPERIENCE

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Cisco Meraki

**Network Support Engineer Intern** — September 2019 – December 2019

I was responsible for providing technical support for our clients by diagnosing problems and troubleshooting the entire Cisco Meraki product line. In addition, I had also recreated clients environment to try to reproduce the issue they were having for our development team.

Sumitomo Mitsui Trust Bank (U. S. A.) Limited

**Information Security Analyst Intern** — May 2019 – Aug 2019

Designed, Implemented and Released Internal Python Flask web app that has defined Role-Based Access, LDAP/AD Login, Data Parsing and Relations, and User Signature creation/validation

**Information Security Analyst Intern** — Jun 2018 – Aug 2018

Cooperated in a team to design, develop, deploy changes, and to update the security aspects of the organization. Worked with others to implement a new SIEM for the company and had used those metrics to set up a system to report the data.

Sunlik LLC

**Technical Specialist** — May 2017 – Present

I have built software and implemented new technologies for our clients. I had designed the website and network for Energy Zone Wellness Center and set up their POS and EMR systems. In addition, I have created the website for Holistic Studio White Lotus and W.I. Trichology LLC.

## PROJECTS

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System Scanner — Golang

Can be Shown Upon Request

An application that Scans a filesystem for files that contain PII, PHI, and PCI Data and save the found information into an SQLite DB that can be used to generate a report.

Access Recertification Web App — Python, Flask, LDAP

Can be Shown Upon Request

A Web-Based application that can parse multiple application user dumps that are in a .xlsx format and parses the data to show what permissions a user in all the app has, and then allows people to verify those permissions.

Personal Server — DevOps, VMWare

Can be Shown Upon Request

A Dell server that has been built to use VMWare with multiple different VMs that do various tasks like File Storage, User Authentication, Custom Applications, Development, and other VMs for learning new skills

RideBoard Slack Bot — Python

[github.com/frybin/csh-rideboard-bot](https://github.com/frybin/csh-rideboard-bot)

A Slack Bot that was built to interface with the Rideboard API that interacted with Rideboard which was an application developed by me and my friend for hosting large-scale events during which users would like to carpool in order to reach their destination.

## OBJECTIVE

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*Seeking a Summer 2020 Co-op*

## EDUCATION

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Rochester Institute of Technology

**B.S/M.S in Computing Security,**

**GPA: 3.7 — 2017-2022**

## SKILLS

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### Languages

Python SQL Java Javascript  
HTML CSS/Sass LaTeX C  
Golang

### Technologies

Linux git Bash Regex MySQL  
SQLite PostgreSQL Flask  
REST APIs SQLAlchemy NGINX  
Docker Foreman Ansible Puppet  
Proxmox VMWare PDNS Bind  
Wireshark Nmap Network Routing  
Network Switching Active Directory  
Redhat IDM LDAP

## HONORS

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RIT Deans List

Fall '17, Spring '18, Spring '19 —

## ACTIVITIES

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NSIC

**White Team Member** — March 2019

Volunteered by helping to set up and teardown

ISTS17

**White Team Member** — February 2019

Volunteered by helping to set up and manage logistics

RITSEC

**Member** — September 2018 - Current

Computer Science House

**Member** — September 2017 - Current