

Randall Dickersbach

Cyber Security Engineer

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| 215-375-4500

Highly motivated fourth-year computing security undergraduate student with technical skills in programming, networking, and cyber security risk analysis, identification, and remediation. Special interest in digital payments, research, threat detection, and security of IOT(Internet of Things). Learning German as a second language.

EDUCATION

Rochester Institute of Technology

Major: Bachelor of Science in Computing Security; **Minor:** Finance; German Language Immersion

GPA: 3.4; Dean's List (+2), RIT Recognition Scholarship **Anticipated Graduation:** December 2023

Courses: Computer Science I and II, Programming Security, System Administration, Routing & Switching, Fundamentals of Computing Security, Reverse Engineering, Introduction to Cryptography, Introduction to Database, Network Security and Forensics, Penetration Testing, Cyber Defense Techniques

WORK EXPERIENCE

Third Party Cyber Risk Management Intern - TD Bank, Hybrid/Mount Laurel, NJ; 6/2022 - 8/2022

- Completed security vulnerability assessments for third-party vendors
- Worked to remediate high and medium security risks as identified

Cyber Engineer Co-Op – Battelle, Chantilly, VA; 01/2022 - 05/2022

- Created a Web scraper to extract over 100,000 lines of data with python
- Working with FastApi, gitlab, Neo4j, Nifi, and a data logger for a prototype car
- Set up Cisco Access Points for management, guest, and private networks
- Cybersecurity RE/Networking CTFs

IT Strategy Delivery Intern – DuPont, Hybrid/Wilmington, DE; 6/2021-8/2021

- Prepare and deliver leadership briefings on IT Finance; Integrate various data sets to develop PowerBi visualizations
- Captured feedback from Business Units within DuPont to assist with cost reduction
- Supported execution of project management timelines and sprints
- Update roles and rates in Planview to provide consistency within the company

SKILLS

Programming Languages: Python, C/C++, Bash, PHP **Operating Systems:** Linux, Unix, Microsoft Windows XP, 7, 10

Software/Services: Virtual Machines, Excel, vscode, RDP, nmap, ssh, Ansible, Maltego, Docker, Git, Apache, metasploit, firewalls **Other:** Excellent team player, Leadership, Hardworking, motivated, scripting(python), time management, Collaboration, problem solving

PROJECTS

Python program to create a website with user input: Created a terminal that a user could enter page design specifications. The program would automatically create an HTML webpage per the user's design

Server/Client python matching memory game: Created a GUI with recursive function that looks like a matching memory game; Created a server that has needed solution for the matching memory game and a client that talks to the server to update the board during play

Virtual network topology with a server and clients: Created multiple DNS/DHCP servers and configured them to require specifications; Used SSH to remotely gain access to other clients on the network

RFID Cards and QR codes that show my Resume: Using an Arduino Uno to set up a RFID scanner; Researched all the hardware needed

ACTIVITIES / AWARDS

Division 3 Men's Soccer for RIT (2019-Present) CoSIDA Academic All-District selection; United Soccer Coaches All-Region III selection; 1st Team All-Liberty League selection; RITSEC - Student club "Security Through Community"; GenCyber Cyber Security Summer Program, 2018; Union League Good Citizenship Award, 2018; Special Olympics Volunteer, 2015-2017