Brett Huber

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Computing Security Student

Portfolio: FillThisIn.com
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To obtain a computing security co-op and first-hand experience in the field. Available starting May 2023.

EDUCATION

B.S./M.S. in Computing Security, *Rochester Institute of Technology*	2021 - 2025
Dean's List (3.61)	Fall 2021 - Spring 2022
RIT Recognition / Presidential Scholar, Rochester Institute of Technology	2021 - 2025

SKILLS

Programming Languages	Python, Java, HTML, CSS, JavaScript, SQL, C, C++, LaTeX, Digispark / Ducky Scripts
Tools / Technologies	Github / Git, ReactJS, WireShark, PowerShell, Cisco IOS, PuTTY, VMware, Nmap, Adobe Photoshop, Slack, Discord, Microsoft Suite, Google Suite, Soldering Tools, Arduino Uno, Arduino IDE
Operating Systems	Microsoft Windows, Kali Linux, Ubuntu Linux
Soft Skills	English (fluent), French (Basics), Project Management, Time Management, Leadership, Teamwork

PROJECTS

Python C2 — **09/2022 - Present**, *Rochester, NY*
A command and control infrastructure:
- Creating a multi-threaded client and server operation
- Communicates all messages and commands through sockets, IP addresses, and ports

Homemade Digispark Rubber Ducky — **06/2022 - Present**, *West Milford, NJ*
A USB stick that runs a specified script when plugged into a computer:
- Utilized a breadboard to flash Arduino ISP software onto ATtiny85 microcontroller
- Soldered resistors, diodes, USB type-A header, and the microcontroller to a PCB board using jumper wires
- Wrote ducky scripts to disable Windows Defender firewall
- Designed a 3D-printed case in Autodesk Fusion 360 software

ReactJS Portfolio Website — **05/2022 - Present**, *West Milford, NJ*
A ReactJS portfolio website to showcase skills and projects:
- Used HTML CSS to stylize the layout and presentation of the website
- Employed components to construct the functionality of individual pages
- Website will alter form to accommodate different screen sizes
- Contained home, projects, skills, about me, and contact me pages
- Implemented MySQL to display skills and projects databases

Python Keylogger — **02/2022 - 04/2022**, *Rochester, NY*
A keylogger that reports key logs at a set time interval:
- Program can be set to one of six possible report types: the creation of a file, an email, an SMS text, a Discord text channel, a Slack text channel, or a Skype group chat
- Employed TLS and SMTP protocols to ensure secure communication
- Utilized discord web integrations and python requests as well as slack and discord API/bots

EXPERIENCE

Mail / Package Handler — **08/2022 - Present**, *Rochester, NY*
RIT Hub Print / Postal Services
- Responsible for processing and organizing hundreds of packages with perfect accuracy and efficiency
- Utilizing the STAR REZ system and customer service skills to efficiently ensure the proper provision of packages to students

ACTIVITIES

Computer Science House	08/2021 - Present
RITsec	09/2021 - Present
Fencing Club	03/2021 - Present
Curling Club	03/2021 - Present
BSA Troop 159	02/2025 - 02/2021
BSA Venture Crew 289	02/2017 - 08/2021

AWARDS

MTA: Introduction to Programming Using Java, *Microsoft*	09/2020-06/2021
Eagle Scout, *Boy Scouts of America*	02/2015-02/2021