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Brett Huber

Computing Security Student

Portfolio: brettahuber.com
github.com/BrettHuber
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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, MySQL, Cisco IOS, PuTTY, VMware Workstation Pro, Nmap, Adobe Photoshop, Slack, Discord, Microsoft Office Suite, Soldering Tools, Arduino Uno, Arduino IDE
Operating Systems Microsoft Windows, Kali Linux, Ubuntu Linux
Soft Skills French (basics), Project Management, Time Management, Leadership, Teamwork

PROJECTS

Python C2 09/2022 - Present
A command and control infrastructure: Rochester, NY

- 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
A USB stick that runs a specified script when plugged into a computer: West Milford, NJ

- Utilized a breadboard to flash Arduino ISP software onto ATtiny85 microcontroller
- Wrote Ducky Digispark scripts to disable Windows Defender firewall
- Soldered resistors, diodes, USB type-A header, and the microcontroller to a PCB board using jumper wires
- Designing a 3D-printed case in Autodesk Fusion 360 software

ReactJS Portfolio Website 05/2022 - 09/2022
A ReactJS portfolio website to showcase skills and projects: West Milford, NJ

- Used HTML / CSS to stylize the layout and presentation of the website
- Employed components and JavaScript to construct the functionality of individual pages
- Website will alter form to accommodate different screen sizes
- Contained home, projects, about, and resume pages
- Implemented OKD and Docker to host brettahuber.com

Python Keylogger 02/2022 - 04/2022
A keylogger that reports key logs at a set time interval: Rochester, NY

- 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
RIT Hub Print / Postal Services Rochester, NY

- Responsible for processing and organizing hundreds of packages with 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