EVAN **DEFLOOR**

Boston, MA · defloor.e@northeastern.edu · linkedin.com/in/edefloor/ · github.com/floor3d · defloor.info

Education

NORTHEASTERN UNIVERSITY KHOURY COLLEGE OF COMPUTER SCIENCES — Sept 2021 - Present
Candidate for B.S. Cybersecurity. **GPA 3.95/4.0**. Dean's list | Honors College — Expected: May 2025
Clubs: President & Co-founder of CTF Club, Member of: NUCCDC, NUCPTC — Boston, MA
Related coursework: Object Oriented Design, Systems Security, Networks & Distributed Systems, Algorithms, Computer Systems, Windows Malware, Network Security, Forensics

Technical Skills

Certifications: ISC2 CC, CompTIA Security+ | **Languages**: Java, JavaScript, C#, Python, HTML, CSS, SQL, Go, Rust, C, Visual C | **Frameworks**: AngularJS, Selenium, PyAutoGUI, EF6, Flask | **OS**: Windows 7/10/11, Linux (Debian-based, RPM-based, Arch, NixOS) | **Technologies**: AWS EC2, Kubernetes, Docker, Burp Suite, nmap, Wireshark, VMWare, VirtualBox, Ghidra, Git, nginx, Active Directory, Tailscale, x64dbg, Sysinternals, Win32 API

Projects & Experience

Full-featured Windows Malware — Spring 2024
- Designed and created a C2 framework, client, and modular implant for Windows machines in Windows Visual C
- Participated in team, creating thread hijacking process injection, in-memory DLL loading, client frontend, chrome password stealer, hotkey persistence, TLS encrypted channels, string obfuscation, and more capabilities

Lisp language created in C — Summer 2023
- Followed online blog to create a fully functional Lisp written in C on Neovim
- Learned about PL concepts needed to make a Lisp language such as S-expressions

RAFT Key-Value Database in Go — Spring 2023
- Implemented a concurrent, distributed, replicated key-value database based on the RAFT protocol using Go
- Keep high availability and correct data even through server outages and unreliable connections

TCP Lite Implementation in Python — Spring 2023
- Created program in Neovim to emulate a reliable transport protocol built on top of UDP
- Simulated through clients with varying reliability, such as dropped, corrupted, & duplicated packets

Experience

Cyber Security Engineer HOLOGIC, INC. — July 2023 – Dec. 2023
Marlborough, MA
- Created Python scripts to interact with Tenable API to automatically tag devices
- Implemented VECTR Purple Teaming software to manage red/blue team activities and create attack campaigns that map to Kill Chain and MITRE ATT&CK techniques

Team Member NORTHEASTERN UNIVERSITY COLLEGIATE CYBER DEFENSE TEAM — Dec. 2022 - Present
Boston, MA
- Defend against cyber attacks on a network while maintaining critical services
- Placed 1st in Northeastern CCDC regionals in 2024, 7th Nationals, 9th in Cyberforce

Undergraduate Research Assistant NORTHEASTERN UNIVERSITY — Sept. 2022 – Aug. 2023
Boston, MA
- Extract finite state machine from network protocol RFCs w/ Dr. Cristina Nita-Rotaru
- Learn grammar for annotating RFCs to be used in the project, improve upon past annotations, analyze current grammar to adapt to additional RFC's

Teaching Assistant, Foundations of Cybersecurity NORTHEASTERN UNIVERSITY — Sept. 2022 - Dec. 2022
Boston, MA
- Created informative videos for hacking tools like Hashcat and the HAK5 Rubber Ducky; supported students' wellbeing; held office hours, answered questions
- Created an assignment for students to complete including packet capture forensics and backdoor access to a remote Linux machine

Full Stack Web Developer THE DIGITAL ACADEMY ENTERPRISE DATA SOLUTIONS, INC. — June 2020 - Aug. 2022
Cleveland, OH
- Built and composed a support ticket system, created/modified sections of the site ex. user manager administration, home page, site navigation, school management
- Programmed effectively in C#/EF6/SQL, JavaScript/AngularJS/HTML/CSS/Less
- Lead the front-end rework of the site, including page headers, navigation system, color changes, new look and feel of login/home/manager pages, etc.
- Performed major rework to the school announcement GUI and presentation