

Leonard Nguyen

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EDUCATION

University of Massachusetts Lowell
B.Sc. in Computer Science

Lowell, Massachusetts
Sep 2018 – Dec 2023

WORK EXPERIENCE

Vicor Corporation
Machine Operator

Andover, Massachusetts
Summer 2020, Summer 2021, Summer 2022

- Operated various machines for certain stages of production.
- Communicated with other employees to solve any issues regarding machine functionality.
- Entered and tracked the company's production records.

PROJECTS

SecureDrop | [GitHub](#)

- A school project in Python in which we need to implement a secure file sharing Linux application, similar to iOS's Airdrop.
- Developed to demonstrate proficiency in application security, TLS for TCP/UDP, and cryptography.
- A group project demonstrating communication and teamwork to produce a product.

Home Lab | [Notes/Documentation](#)

- A personal VirtualBox environment used for practicing purple teaming activities, and testing software across different platforms.
- Revolves around Kali Purple and its SOC in a box design, primarily using ElasticSearch to display logs and defend against malware.
- Uses OPNSense as a firewall to block and pass internet traffic for the entire network.
- Consists of Windows 11 and Ubuntu machines both for hosting apps/services and for casual use.

SKILLS

Programming: C, C++, Java, Python, HTML, CSS, Javascript

Technologies: Git, Docker, Nginx, Nmap, Metasploit, Burp Suite, ElasticSearch, OPNSense

Languages: English (Primary), Vietnamese (Secondary)

Others: Oral and Written Communication, Leadership, Analytics

RELEVANT COURSEWORK

Major coursework: Computing I-IV, Software Engineering I, Graphical User Interfaces I, Mobile Apps I-II, Intro to Cybersecurity

Minor coursework: Discrete Structures I-II, Analysis of Algorithms, Assembly Language, Computer Architecture, Foundations of Computer Science, Operating Systems, Organization of Programming Languages

CERTIFICATES

TryHackMe Learning Path Certificates
Network Security, Penetration Testing

Sept 2023, Feb 2024

HOBBIES

Bug Bounty Hunting, CCDC Practice, Martial Arts, Music