Nguyen Trong Doanh

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Professional Summary

Motivated third-year Computer Science student in the Honors Program at VNU-HCM, specializing in Cybersecurity. Possesses a strong foundation in operating systems, computer networks, and vulnerability analysis through competitive CTF challenges. Eager to contribute to OPSWAT's mission of protecting critical infrastructure by joining the prestigious Cybersecurity Graduate Fellowship Program

Education

VNUHCM - University of Science   *Sept 2023 – Present*
Bachelor of Science

- Honors Program
- Current GPA: 9.15/10.0
- Faculty of Information Technology's Dean's List in the academic year 2023 - 2024

Hung Vuong Gifted Highschool, Gia Lai   *Sept 2020 – May 2023*
Specialized in Mathematics

- GPA (Grade 12): 9.4/10.0

Technical Skills

Concepts: Web Vulnerability Testing (XSS, SQLi, Command Injection,...), Basic Binary Exploitation, CTF Challenges.

Programming: C/C++, Python, Java, SQL, bash.

Tools: Burp Suite, Wireshark, Linux CLI, GDB.

Projects

Legv8Simulator
GitHub Repo: NgTrongDoanh/Legv8-Simulator

- **Core Features:** Assembled LEGv8 code, simulated single-cycle CPU operations, and visualized execution via a dynamic Java Swing GUI.
- **Technologies:** Java, Java Swing, Git.
- **Skills:** Computer Architecture, Java Programming, GUI Development (Swing).

ProxyServer - Course Project
GitHub Repo: NgTrongDoanh/Proxy-Project

- Developed a basic HTTP proxy server using C++, socket programming and Raylib library.
- Implemented multi-threading to improve performance.
- Designed with cross-platform compatibility in mind; tested on both Linux, MacOS and Windows environments.

Awards and Competitions

"Thach thuc" - Ho Chi Minh City Inter-university Academy Competition   *2025*
Advanced to the semifinals

Faculty of Information Technology's Dean's List   *2024*
Academic year 2023 - 2024

The 2024 ICPC Vietnam Southern Provincial Programming Contest   *Oct 2024*
School: University of Science, VNU-HCM

Second Prize, Mathematics, Gia Lai Provincial Olympiad, 2022-2023   *Jan 2023*
  Awarded by Gia Lai Department of Education and Training

Third Prize, The Vietnam Mathematical Olympiad for Students   *May 2022*
  Awarded by Vietnam Mathematical Society

Third Prize, Mathematics, Vietnam National Olympiad, 2021 - 2022   *Apr 2022*
  Issued by Vietnam Ministry of Education and Training