



# Le Ngoc Hieu

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*"Hard work pays off"*

## Summary

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A dedicated Information Security student with CTF experience. Passionate about learning new things and always looking for challenging tasks. Have decent communication skills as a class monitor in both daily English and terminologies. Keen to work as a Security Analyst.

## Education

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**University of Information and Technology (UIT - VNUHCM)**  
Information Security

*HCM City, Vietnam*  
Sep 2022 - Feb 2026

- **Current GPA:** 7.61/10 or 3.04/4
- **IELTS:** 6.5

## Technical skills

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### Programming language

- C++, C#, Python
- Basic knowledge: HTML, CSS, JS, PHP, Assembly

### Microsoft Office

- Proficient in Word, Excel, PowerPoint.
- Understand VBA macro

### Analysis/Offensive tools & framework

- Wireshark, Cisco Packet Tracer, BurpSuite, Nmap
- OWASP, MITRE ATTACK
- Havoc C2 framework

### Machine Learning tools & frameworks

- PyTorch, Sklearn, Kaggle, Google Colab
- Deployed on Hugging Face & Digital Ocean VPS

### Others

- Good understanding of OOP methodologies
- Have hands-on experience in CTF competitions, focusing on Web exploitation and Cryptography
- Docker, git, Jenkins CI/CD

## Projects

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### Portfolio

<https://harrylee.id.vn/>

*Ho Chi Minh City,  
Vietnam*  
2025 - Present

- A portfolio showcasing many information about myself including projects, documents and resume.

## DLL sideloading Worm

Ho Chi Minh City,  
Vietnam

<https://github.com/HarryLee02/DLL-sideload-Worm>

2025 - Present

- A malware exploit DLL proxying vulnerability in a legitimate program, leading to system compromise and enabling lateral movement to others healthy systems via SMB protocol.
- The current version is capable of evading Windows Defender on fully patched and up-to-date Windows 11 systems.

## Vietnamese Spam Detection using Machine Learning

Ho Chi Minh City,  
Vietnam

<https://github.com/HarryLee02/Vietnamese-spam-detection-model.git>

2025 - Present

- A Machine Learning model using custom head Multi-head Self-Attention mechanism for detecting Vietnamese spam feedback.
- The model was trained on a dataset of **19,000 items** and achieved **98%** accuracy when tested on a separate **3,000-item** test set.

## API Scraper integrate with OpenAI API

Ho Chi Minh City,  
Vietnam

<https://github.com/HarryLee02/API-starter-pack>

2025 - Present

- A Zendesk API scraper retrieving all Support articles and adding all articles to OpenAI File Storage. A chat-bot using OpenAI Assistant loads all contents and answer question based on them.
- A Flask web application was created and containerized using Docker for easier log monitoring. This scraper is also scheduled using cronjob to re-scrape everyday.

## Pothole Detector App

Ho Chi Minh City,  
Vietnam

<https://github.com/Hieriss/Pothole-Detector-App>

Sep, 2024 - Dec, 2024

- An Android application written in Java using Android Studio for detecting pothole while driving in real-time with report system for users.

## Other Activities

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### SonKim ThuDuc city run

Ho Chi Minh City,  
Vietnam

Course Marshal

Sep. 2023

- Volunteered as a Course Marshal to guide and hype the runners up throughout the event

### Personal Residence

Ho Chi Minh City,  
Vietnam

Tutor

Oct. 2023

- Teaching Math, English and Science for elementary students.

### Saigon Chess - Cờ vua Sài Gòn

Ho Chi Minh City,  
Vietnam

Part-time teacher

Apr. 2025 - Present

- Teaching students various skill in chess strategy, tactics, and game theory