

# Tran Xuan Loc

## Software Engineering Intern

### Summary

I am eager to embrace new learning opportunities to enhance my knowledge, skills, and practical experience. This allows me to continuously grow and develop myself.

### Work Experience

#### Software testing collaborator

May 2024

In this project, I tested software products at Garena and provided personal feedback to contribute to product improvement. Through this experience, I gained valuable insights into the concerns of developers regarding the software products they aim to launch.

### Personal Projects

#### Explore the methods of infection and installation of malware in Windows systems

**Description:** This project focuses on researching several methods of malicious code injection in the Windows operating system, including DLL injection, NTAPI injection, direct system calls, and indirect system calls.

**Role:** Lead Developer

**Responsibilities:**

- Develop and experiment with malicious code injection methods.
- Conduct research and study to optimize attack techniques.
- Evaluate the effectiveness of each method.

#### Game Fantasy

**Description:** An offline 2D game for PC featuring an inventory system, items, and combat mechanics similar to Stardew Valley.

**Role:** Lead Developer

**Responsibilities:**

- Plan, organize, and manage the game development process, ensuring timelines.
- Develop and integrate gameplay systems, such as combat, movement, or inventory, based on design specifications.

### Achievements

Semifinals of Thách Thức 2021

### Contact

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<https://github.com/tathankochi>

### Skills

#### Programming Language:

C++, Python, C#, PHP

#### Tools

- Wordpress
- Unity
- GitHub
- Postman

#### English:

Ability to listen and read specialized documents

#### Soft Skills:

- Possess strong critical thinking
- Self-learning capabilities
- Teamwork
- Creativity
- Ability to work under pressure
- Problem-solving skills
- Time management skills

### Educational Background

#### Bachelor of Information Security

University of Science

2020 - 2025

GPA: 3.2/4