

# Tse Hung Lap(Steven)

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With a strong foundation in **Java, Python, databases, and Linux**, I am deeply passionate about **cybersecurity**, and I excel in **Capture The Flag (CTF) competitions**. My expertise and enthusiasm for **technology** drive my pursuit of excellence in the field.

## PROFESSIONAL EXPERIENCE

06/2025 – 10/2025

### Junior Programmer, Varmeeego Limited

- Implemented role-based access control with server-side authorization (custom Spring annotations + service-layer checks) and SQL permission flags.
- Developed backend REST APIs and business logic in Java/Spring Boot with Swagger docs.
- Maintained high code quality: TDD with JUnit (JaCoCo >90%), and authored JavaDoc/Typedoc for system documentation.

07/2023 – 08/2023

### Software Tester, Code Free Soft Ltd

- Wrote unit tests following programming standard and maintained test coverage >90% for new code.
- Collaborated with cross-functional team members and stakeholders during stand-ups, sprint reviews, SIT/UAT demos.

## EDUCATION

2024 – present

### BSc (Hons) in Computer Science, The Hong Kong Polytechnic University

2022 – 2024

### Higher Diploma in Software Engineering, Hong Kong Institute of Vocational Education

## SKILLS

Java

PHP

SQL

Python

C#

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## AWARDS

08/2023

### Most Voted Team Award, HKCCF [🔗](#)

04/2023

### HKSAR Government Scholarship for Outstanding Performance, HKSAR

## INTERESTS

**Capture The Flag(CTF)** [🔗](#) — Member of NuttyShell team at The Hong Kong Polytechnic University

## PROJECTS

09/2024 – 11/2024

### MonopolyCMD, Python [🔗](#)

MonopolyCMD (MCMD) is a multiplayer Monopoly game you play in the command line, written in Python, with guides for players and designers.

09/2023 – 12/2023

### Sport Teams Management System, Java [🔗](#)

STMS is a console app for managing volleyball and football teams, built in Python (or unspecified) using the Open/Closed Principle and Command, Factory, and Memento patterns for easy extension.

01/2023 – 06/2023

### Centralized Procurement System, C#, SQL [🔗](#)

Centralized Procurement System streamlines Yummy Restaurant Group's purchasing by centralizing orders, optimizing agreements, and improving data consistency to cut costs and boost efficiency.