

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, Varmeego 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



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.