

Sze Long Cheung, Karso

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Education

University of Southampton

Sep. 2023 – 2026

BSc Computer Science

Modules include:

1st Year:

Semester 1: Foundation of Computer Science, Programming I, Professional Development, Computer Systems

Semester 2: Algorithmics, Data Management, Programming II, Software Modelling

2nd Year:

Semester 1: Theory of Computing, Intelligent Systems, Programming III, Interaction Design

Semester 2: Principles of Cyber Security, Distributed Systems & Networks, Programming Language Concepts, Software Engineering Group Project

Experience

Hack The Box University CTF 2024: Binary Badlands

Dec 2024

Participant

University of Southampton

- Solved CTF questions related to forensics and reversing.
- Attempted CTF questions related to blockchain security
- Achieved 200th place among 1128 teams.

Advent of Cyber 2024

Dec 2024

Participant

TryHackMe

- Participated and solved CTF questions in Advent of Cyber 2024

RoboHack Hackathon

May 2024

Participant

University of Southampton

- Collaborated on a team of four to develop a Python-based robotic car.
- Engineered the robot to successfully navigate a complex obstacle course.
- Achieved 2nd place among 16 teams.

Startup Challenge

Nov 2023

Participant

University of Southampton

- Developed an initial prototype of a fashion app within 24 hours.
- Created and delivered a PowerPoint presentation to demonstrate the app's functionality.

Web designer at Kinman

Dec 2022 – May 2023

Website Designer

Southampton, England

- Developed an e-commerce website for Kinman, a startup company selling Chinese soup, using SquareSpace.
- Collaborated with the startup's founder to design and implement the site's layout, ensuring a user-friendly interface.
- Integrated E-commerce functionalities to facilitate online sales and transactions.
- Optimised the website for search engines to increase online visibility and traffic.

Internship at Wuxi Boton

11 Jul 2023 – 25 Aug 2023

Black-box Tester in the Product Research and Development Department

WuXi, China

- Performed black-box testing to identify and report software defects.
- Authored a user manual in simplified Chinese.
- Collaborated with individuals from various departments, which has enhanced my ability to work effectively with people from diverse backgrounds.

Data analysis project

Dec 2024

- Walmart Sales Data Analysis with MySQL

Responsive website

July 2024

Developer

Hong Kong

- Developed a responsive website using HTML, CSS and JavaScript.

TetrECS Game Development

Apr 2024

Developer

University of Southampton

- Developed a fast-paced block placement game using JavaFX.
- Implemented game logic for piece placement, line clearing, and score calculation.
- Designed and built the user interface with custom components, graphics, and animations.

Data analysis project

Apr 2024

University of Southampton

- Created a SQLite database to represent current COVID-19 data
- Used GnuPlot to produce a graph representing the top 10 countries in terms of overall cumulative deaths.

Technical Skills, Language Skills, and Interests

OS: Windows, Linux

Programming Languages: Java, Python; have previous experience in SQL; understand the basics of Haskell

Markup Languages: Have previous experience in HTML and CSS

Software and Tools: IntelliJ, Visual Studio Code, Kali Linux, MySQL, Burp Suite, Ghidra, Excel

Version Control: Git

Writing: \LaTeX , Office

Languages: Cantonese (native), Mandarin (fluent), English (fluent)

Interests: Cybersecurity Capture the Flags (CTF) enthusiast and active member of the university's Cyber Security Society, Snooker (university team member), Chinese history, travelling