

CHAN YANHAN

Selangor, Malaysia

+6012 5209926 || chanyanhan.cyh@gmail.com || [linkedin.com/in/yanhan-chan](https://www.linkedin.com/in/yanhan-chan) || github.com/yanhan-chan

Education

Monash University

Bachelor of Computer Science in Advanced Computer Science

Feb 2022 – Dec 2024

- **GPA:** 4.00 / 4.00
- **WAM:** 84.875 / 100.0
- **Courses:** Database Management & System, Android Development, Data Structures & Algorithms

Technical Projects

University Coursework

Console Games – Elden Ring

Java, OOP | [[Elden Ring](#)]

- Design and implemented a console version of the game Elden Ring as a group of three
- Compare and contrast various design approaches to implement and fulfill requirements
- Apply appropriate object-oriented design principles such as SOLID & DRY to produce quality code

Data Structures & Algorithms – Give a Ride, CatGPT

Python | [[CatGPT](#)]

- Solve real world problems by developing and implementing various algorithms
- Programmed a variant of Dijkstra's to solve a variant of the shortest path problem
- Coded an efficient autocomplete feature for cat language with the use of a Trie data structure

Database - Community Cleaning & Holiday Resort Management System

SQL, MongoDB, Git

- Designed & implemented a relational database for a Community Cleaning System with UML while fulfilling user requirement
- Performed various common database operations given an existing database to meet user requirements
- Develop and use PL/SQL to enforce business rules and data integrity

Technical Skills

- Languages: Python, Java, SQL
- Frontend: Knowledge of HTML, CSS & JavaScript
- Databases: Oracle SQL, MongoDB
- Mobile Application Development: Android Studio (Java)

Awards & Extra Curriculars Activities

Competitive Programming Competitions

- 4th Place in Nott-A-Thon: Lovelace Competitive Programming Competition 2022 – by Nottingham Malaysia
- Top fifty in Monash Coding League 2023 – hosted by School of Information Technology, Monash University

Hackathons

- Participated in Vhack USM 2023 – hosted by University Sains Malaysia

Spoken Languages

- English - able to speak and write formally (Academic IELTS Band 8)
- Chinese - proficient in speaking and reading formally