

Chi Kit Lee

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EDUCATION

Bachelor of Computer Science

Monash University • Wellington Rd, Clayton VIC 3800 • 2024 - Expected 2026 • GPA 3.75 / 4

• Transferred from Swinburne University of Technology with 11/12 units credited.

Bachelor of Computer Science

Swinburne University of Technology • John St, Hawthorn VIC 3122 • 2023 - 2024 • GPA 3.58 / 4

• Awarded partial scholarship for 3 years.

PROJECTS

Redis

Built a Redis-like in-memory data storage system • github.com/yens5757/redis-python/tree/master • December 2024 - January 2025

- Built a Redis-like in-memory storage system with an event loop for handling concurrent clients efficiently in python.
- Implemented core commands (PING, ECHO, SET, GET), key expiry, and RDB persistence for data durability.
- Developed master-replica synchronization with replication protocols and multi-replica command propagation.
- Added advanced features like the INFO command, ensuring scalability and fault tolerance.

Full Stack Website

A full stack website with APIs and DB • github.com/yens5757/full-stack-drivers-packages • September 2024 - November 2024

- Developed the front end using Angular and Bootstrap for a dynamic and responsive UI.
- Implemented the back end with Express.js, serving as API endpoints.
- Utilized Socket.io for real-time, bidirectional communication between frontend and backend.
- Integrated third-party APIs, including Google Translate and generative AI, to enhance functionality.

2D Mini-games

Some 2D mini-games with different language • sharemygame.com/@aiken2001 • January 2022 - May 2022

- Build different mini-games with different language and framework, including C#, Ruby Gosu and Unity.
- Applied OOP principles to structure game logic and design scalable solutions.
- Utilized design patterns such as the Factory Design Pattern and Singleton to improve code reusability and maintainability.

INVOLVEMENT

Graduate

Ravi's Study Program • December 2024 - January 2025

- Completed an intensive program focusing on algorithms, data structures, and coding efficiency.
- Gained insights into industry best practices by networking with professionals from Big Tech companies, learning about their technical expertise, problem-solving approaches, and career paths.

Vice President

Middle School IT Club • September 2017 - September 2019

- Organized workshops on technical projects to engage students in hands-on learning.
- Coordinated tech talks with industry professionals, providing members insights into technology trends and careers.

EXPERIENCE

Clerk

The Trade and Industry Department of the Hong Kong Government

June 2022 - February 2023, Hong Kong

- Conducted User Acceptance Testing (UAT) and provided detailed reports to identify and resolve system issues.
- Managed and updated databases, ensuring accuracy and compliance with organizational standards.

SKILLS

Python, C#, Ruby, Mongoose, Express.js, TypeScript, Unity, HTML, CSS