

# Chi Kit (Aiken) 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 Swinburne International Excellence Scholarship.

## PROJECTS

### Simple Redis | Python, Asyncio

Built a simple Redis-like in-memory data storage system • [github.com/yens5757/redis-python](https://github.com/yens5757/redis-python)  
• Implemented core commands, key expiry, and RDB persistence for data durability.  
• Developed master-replica synchronization with replication protocols and multi-replica command propagation.  
• Designed using event loop for handling concurrent clients efficiently in python.  
• Supported RESP data types, including strings, integers, arrays, and bulk strings.

### Driver Tracker | Angular, MongoDB, Express.js, HTML & CSS

A full stack website with APIs and DB • [github.com/yens5757/full-stack-drivers-packages](https://github.com/yens5757/full-stack-drivers-packages)  
• 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.  
• Designed and managed the database using MongoDB, with Mongoose for schema modeling.  
• Integrated third-party APIs with Socket.io as communication to enhance functionality.

### 2D Mini-games | Ruby, C#

Some 2D mini-games with different language • [sharemygame.com/@aiken2001](https://sharemygame.com/@aiken2001)  
• 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 Factory and Singleton to improve code reusability and maintainability.

## INVOLVEMENT

### Graduate

Ravi's Study Program • 2024 - 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.

## EXPERIENCE

### UAT Tester

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

Back End: Python, Ruby, C#, Express.js

Front End: HTML, CSS, TypeScript, Angular

Database: MongoDB, Oracle RDBMS