

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

KVis | Python, Asyncio

Built a key-value data storage system · github.com/yens5757/kvis

- 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.

Ray Vanguard | Ruby, C#

A 2D arcade game made with C# · github.com/yens5757/ray-vanguard

- Build a 2D arcade game with C# and SplashKit framework.
- 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.
- Designed custom game loop to ensure scalability.

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

A full stack website with APIs and DB · github.com/yens5757/driver-tracker

- 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.

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, C#, Ruby, Express.js

Front End: HTML, CSS, TypeScript, Angular

Database: MongoDB, Oracle RDBMS