

Chi Kit (Aiken) Lee

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EDUCATION

Monash University

Clayton, VIC

Bachelor's of Computer Science / GPA: 3.75/4

Jun 2024 — Expected 2026

- Relevant Coursework: Data Structures & Algorithms, Relational Database, Web Development

Swinburne University of Technology

Hawthorn, VIC

Bachelor's of Computer Science / GPA: 3.58/4

Feb 2023 — Jun 2024

- Relevant Coursework: Object-Oriented Programming, Cloud Computing, Networking & Systems

PROJECTS

KVis (github.com/yens5757/kvis)

Dec 2024 — Feb 2025

- Built an in-memory database in Python with key expiry and a Redis Serialization Protocol parser
- Developed master-slave synchronization using a three-way handshake
- Designed an asynchronous client handling system to manage concurrent connections
- Implemented persistence mechanisms to retain data across restarts

Driver Tracker (github.com/yens5757/driver-tracker)

Sep 2024 — Nov 2024

- Built a full-stack web application with RESTful APIs and database
- Developed the front end using Angular and Bootstrap, ensuring a responsive and user-friendly interface
- Implemented the back end with Express.js serving as API endpoints and MongoDB as database
- Integrated real-time third-party API integration, for translation and distance estimate

Ray Vanguard (github.com/yens5757/ray-vanguard)

Feb 2024 — Jun 2024

- Built 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
- Implemented Scene Management System to manage different game states efficiently

EXTRACURRICULAR ACTIVITIES

UniHack (devpost.com/software/axon-learning)

Mar 2025 — Mar 2025

- Collaborated in a team of 6 to complete the project within 48 hours in a fast-paced hackathon environment
- Built an AI-powered study planner that generates a 30-day personalized roadmap with learning resources
- Placed in the Top 3 for the First Timers Prize

Ravi's Study Program

Oct 2024 — Feb 2025

- Completed an intensive program focusing on algorithms, data structures, and coding efficiency
- Participated in different ICPC style competitive programming competitions with other students
- Built connections and gain insights from software engineers from Big Tech and HFT companies

WORK EXPERIENCE

UAT Tester

Jun 2022 — Feb 2023

Hong Kong Government

Hong Kong

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

AWARDS

Swinburne International Excellence Scholarship

Feb 2023 — Jun 2024

- Awarded Swinburne International Excellence Scholarship that lasts for 3 years

SKILLS

- **Programming Languages:** Python, C#, Ruby, SQL, HTML/CSS, Javascript
- **Technologies & Framework:** Git, Bootstrap, Angular, Express.js, MongoDB, Oracle RDBMS, Unity, AWS