

Yu-Cheng LAI

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[github](#) | [linkedin](#)

EDUCATION

Bachelor of Information Technology | GPA: 3.4 / 4.0

RMIT University

Feb 2021 - Dec 2023 (expected)

Melbourne, VIC

SKILLS

Programming Languages Java | Python | HTML | CSS | Javascript | Swift | C++ | Oracle SQL | PHP
Frameworks/Libraries React.js | SwiftUI | Node.js | Express.js | Axios | Sequelize | JavaFX | jQuery | Bootstrap
Technologies SQLite | PhpMyAdmin | Git | Scene Builder | GitHub Actions CI/CD | Terraform | AWS | Ansible

WORK EXPERIENCE

Be Your Caddy

Front-end Developer, SEO Consultant

July 2023 - Current

Melbourne, Victoria

- Built the front end technology and designed UI for both desktop and mobile devices
- Monitored website traffic and deployed website for Google indexing

Dcard

QA Intern, Production QA, Market Research

Oct 2021 - Feb 2022

Taipei, Taiwan

- Dcard is an online forum application that has 18 million active users every month
- Main contributor to localise the Dcard app into the English version
- Tested APIs and UI for potential hidden user errors and bugs

RMIT Peer Mentoring

IT courses peer mentor (volunteer)

Feb 2021 - Current

Melbourne, VIC

- Tutored the following courses:
 - Sem 1 2022: Introduction to Programming | Practical Database Concepts | User-Centred Design
 - Sem 2 2022: Programming 1 | Further Programming | Introduction to Computer Systems | Web Programming
- Scheduled 1 on 1 mentor-mentee sessions

NOTABLE PROJECTS

Personal Website | [GitHub](#) | [Website](#)

2023

UniChat | [GitHub](#)

July 2023 - Oct 2023

iOS online forum application for Australian university students

Melbourne, VIC

- Individually designed, developed and tested the application from scratch using Swift and SwiftUI
- Applied Software Development Life Cycle to keep application dynamic for future implementations
- Recognised as one of the best projects in iOS Software Engineering course

CI/CD Deployment Project | [GitHub](#)

Mar 2023

Automated Deployment Project with GitHub Actions

Melbourne, VIC

- Linted, tested, and generated a deployable artefact for a small web application
- Wrote a YAML CI pipeline to incorporate GitHub Actions with Node.js, Playwright, Jest, Docker and MongoDB
- Integrated automation with linting, unit testing, component testing, E2E testing, and deployment with CI/CD

Canva Inspired Software | [GitHub](#)

Apr 2022 - Jun 2022

Canva Inspired Java GUI Application

Melbourne, VIC

- Built with Java UI library JavaFX and Scene Builder
- Nominated as one of the projects with the highest completeness of program amongst the course
- Implemented with MVC structure, the S.O.L.I.D. principles of programming and a database system for user to save the canva that allows shapes, texts and colours using drag and drop

Web Game Development | [GitHub](#) | [Website](#)

2021

Web Game-Boy-Style Game Prototype with Documentation Website

Taipei, Taiwan

- Led the team to brainstorm and build the project with an outstanding outcome/feedback amongst the course
- Designed and implemented a playable gameboy-style game on website for both mobile and PC devices
- Implemented gaming AI bots that attack the player with different attack logic

AWARDS & CERTIFICATIONS

Awards Science, Engineering and Health Scholarship 2021 | Global Leader Experience 2021 | NHS 2018

Certifications AWS Academy Graduate - AWS Academy Cloud Foundations
RMIT Peer Mentoring Program Volunteer Semester 1, 2022
RMIT Peer Mentoring Program Volunteer Semester 2, 2022.