

Yu-Cheng LAI

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

EDUCATION

Bachelor of Information Technology | GPA: 3.8 / 4.0

RMIT University

Feb 2021 - Dec 2023 (expected)

Melbourne, VIC

SKILLS

Programming Languages Java | Python | HTML | CSS | Javascript | Oracle SQL | PHP
Frameworks/Libraries React.js | Node.js | Express.js | Axios | Sequelize | JavaFX | jQuery | Bootstrap
Technologies SQLite | PhpMyAdmin | Git | AWS

WORK EXPERIENCE

Dcard

Oct 2021 - Feb 2022

QA Intern, Production QA, Market Research

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
- Assured APIs sent from client side are exactly as written in specification
- Tested for potential hidden user errors and bugs
- Tools used: Lokalise, SurfShark

RMIT Peer Mentoring

Feb 2021 - Current

IT courses peer mentor (volunteer)

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

Twitter Inspired React/Node App | [GitHub](#)

Apr 2022 - Jun 2022

Node + React Full Stack Development Web App

Melbourne, VIC

- Tools: React, Node, Express, Axios, Sequelize, MySQL2, Fastify
- Individually developed the entire application for RMIT's Fullstack Programming course
- Was one of the most outstanding projects in class
- Implemented database for user to post and comment on each other's posts

Canva Inspired Software | [GitHub](#)

Apr 2022 - Jun 2022

Canva Inspired GUI Application

Melbourne, VIC

- Tools: Java, JavaFX, Scene Builder, Git, GitHub
- Individually developed the entire application
- Implemented MVC structure and the S.O.L.I.D. principles of programming
- Implemented a database system where users can log in and export canvas into PNG files

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

2021

Team Project

Taipei, Taiwan

- Tools: HTML, CSS, JavaScript, Tiled, GB Studio, Git, GitHub
- Led the team to brainstorm, code with GB Studio and developed a website containing the web game
- Designed and implemented a gameboy-style game on website, which can be played on both mobile/desktop
- Included documentations of process, tools and time-span of development on the website

Flappy Bird Inspired Game | [GitHub](#) | [Website](#)

2021

Game Inspired Project

Taipei, Taiwan

- Tools: Python, Pygame, Git, GitHub
- Led the team to implemented a flappy bird inspired stage and a boss fight
- Implemented Object Oriented Programming techniques for clean code
- Main contributor to code and OOP class design

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.