Yu-Cheng LAI

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github | linkedin

EDUCATION

Bachelor of Information Technology | GPA: 3.4 / 4.0　　　　　　　　　　**Feb 2021 - Dec 2023 (expected)**

RMIT University　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Melbourne, VIC*

SKILLS

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

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

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

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

Twitter Inspired React/Node App | GitHub　　　　　　　　　　　　　　　**Apr 2022 - Jun 2022**

Node + React Full Stack Development Web App　　　　　　　　　　　　　　　　　　*Melbourne, VIC*

- Included most twitter functionalities along with text/post styling when posting texts and images
- Implemented with several libraries including React, Node, Bootstrap, Express, Axios and Sequelize
- Received outstanding outcomes and graded as one of the top projects amongst the course

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 amonst 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.