

Lawrence (Chia-Weei) Shen

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<https://lawrieshen.github.io/LS-Portfolio-App/>

EDUCATION

UNIVERSITY OF SYDNEY

Bachelor of Engineering Honours/ Project Management, Software Stream

WAM: 76; Distinction

Relevant Coursework: Software Development; System Analysis and Design; Agile Project Management; Digital Logic

Sydney, Australia

Expected Dec 2025

WORK EXPERIENCE

SOFTWARE DEVELOPER

Mii

Sydney, Australia

Jun 2024 – Jul 2024

- Developed the Mii iOS application frontend using Swift and SwiftUI for users to store their personal medical information.
- Implement the Firebase backend for Mii iOS application
- Maintain the CI/CD workflow on Github Actions

JUNIOR PROJECT PORTFOLIO ANALYST

Hummingbird Solutions Pty Ltd

Sydney, Australia

Jan 2023 – Jun 2023

- Facilitated the implementation of project management information systems, reducing client's project lead time by 2.5 days
- Implemented ePMO systems for clients to manage projects across business strategically from the program level
- Planned project budget and closely monitored project delivery and risk mitigation

SOFTWARE PROJECTS

LEARNING MANAGEMENT SYSTEM UI

React.js

Jun 2023

- Configured client's learning management systems on Moodle open source platform

PERSONAL PORTFOLIO WEBSITE

React.js | HTML | CSS

Dec 2022

- Designed and developed by me using React.JS

MONEY JIGGLE - SMART PAYMENT SOLUTION PROTOTYPE

Figma

Sep 2022

- Designed innovative technology solutions to address sustainability issues in urban city development
- Awarded Finalist in PwC Inter-Uni Technology Solution Case Competition (out of 40 teams)

UNIVERSITY PROJECTS

RESEARCH PROJECT ON PROCESS ANALYSIS TECHNOLOGY IN HEALTHCARE

Dec 2023

- Published research paper, titled 'Advancing Health Process Mining: A Scoping Review on Evaluation and Enhancement for Knowledge Discovery,' in the International Journal of Medical Informatics
- Shed light on the impact measurement of technologies adoption in the healthcare field
- Participated in the editing cycle with research supervisors and other research assistants collaboratively

SKILLS

Programming Skills: Python, SQL, Java, JavaScript, HTML, CSS, C, Verilog, Assembly, Swift

Technical Skills: Git, React, Flask, FastAPI, Redis, Gradle, JUnit, Docker, Jenkins, Jupyter Notebook, Quartus, Firebase

Design Skills: Figma, AutoCAD

Data Analytics Skills: Excel, PowerBI, Tableau, Gephi, SPSS, SPSS AMOS, R Studio

Project Management: MS Project, Atlassian Jira, Planview Portfolio, Scrum Master Certified