Lawrence (Chia-Wei) Shen

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

EDUCATION

UNIVERSITY OF SYDNEY   Sydney, Australia
Bachelor of Engineering Honours/ Project Management, Software Stream   Expected Dec 2025
WAM: 76; Distinction
Relevant Coursework: Software Development; System Analysis and Design; Agile Project Management; Digital Logic

WORK EXPERIENCE

SOFTWARE DEVELOPER   Sydney, Australia
Mii   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

STUDENT CONSULTANT   Sydney, Australia
Jacaranda Flame Consultancy partnered with Ampol   Jun 2024 – Jul 2024
- Develop OCR AI-based application for Ampol to automatically convert content from PDF files to csv file

JUNIOR PROJECT PORTFOLIO ANALYST   Sydney, Australia
Hummingbird Solutions Pty Ltd   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   Jun 2023
React.js
- Configured client's learning management systems on Moodle open source platform

PERSONAL PORTFOLIO WEBSITE   Dec 2022
React.js |HTML | CSS
- Designed and developed by me using React.JS

MONEY JIGGLE - SMART PAYMENT SOLUTION PROTOTYPE   Sep 2022
Figma
- 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