Yu-Xiang Su (Steven)

Professional Portfolio



Software Engineer • Full-Stack Developer • Technical Educator • Project Manager

學歷與技術



Education

Department of Information Engineering Kun Shan University

2019 - 2022



Technical Skills

</> Core Skills

- Front-End Web Development
- Back-End Programming
- Database Applications
- Computer Vision & Image Processing
- IoT Smart Applications
- Graphic Project Design

X Tools & Technologies

5 HTML

S CSS

JavaScript

PHP

Python

MySQL / MSSQL

Machine Learning & Al

Arduino / ESP32 / Raspberry Pi



CNN Model for Pneumonia X-ray Image Analysis

A web platform system using CNN to analyze X-ray images for pneumonia detection.





Tainan Ling Leung Church Website

Website setup and maintenance for a local church, with focus on front-end design and database integration.





Ling Leung Theological Seminary Website

Front-end design and maintenance for the official website of a theological institution.





Web Development Skills

- Full-stack web development with responsive design
- Database integration and management Three-version website maintenance
- (desktop, tablet, mobile)

Key Achievements

Pneumonia X-ray CNN model with optimized



Teaching Experience

Chang Jung High School

2023 - 2025

Part-time Teacher & IoT Club Advisor

- Taught Arduino programming and IoT sensor applications
- Prepared teaching materials and guided students for competitions
- November 2024: Guided students to participate in national competition with "Smart Home House"
- Y December 2024: Led team to win 4th place in Pingtung University's competition

Liuxin High School, Tainan

2023 - 2024

Part-time Teacher for Foreign Student Information Science

- Taught using both English and Chinese
- Network principles: Helped students understand network types and applications
- Website setup: Guided students in setting up databases and servers
- Prepared teaching materials and exam questions

Web Development Experience

Ling Liang World Mission, Tainan

2021 - Present

Internship Engineer & Maintenance Engineer

- Led team of 3 third-year information engineering students
- Completed official website setup and information upload
- Weekly progress tracking and progress meetings
- Discussed with media department about graphic design and front-end aesthetics
- Designed responsive webpage for three devices (computer, tablet, mobile)

Docker

Website Setup

Responsive Design

Team Leadership

Ling Liang Pastoral & Missionary Theological Seminary

2022 -Present

Internship Supervisor

Commissioned by Tainan Branch to develop official website

Early: Used Docker to set up websites on servers

團隊主管經歷



Role Overview

Internship Supervisor & Website Maintenance Engineer

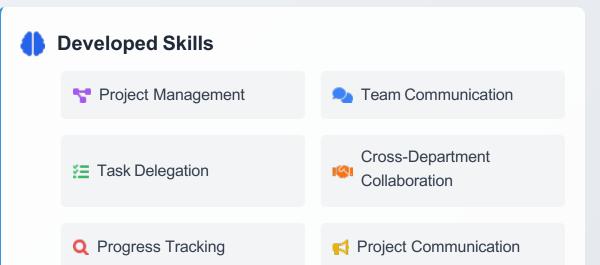
Chinese Christian Ling Leung World Mission Tainan Ling Leung Church

2022 - Present



- Led team of three third-year computer engineering interns
- Conducted weekly progress tracking meetings
- Collaborated with media department on design aesthetics
- Managed official website operation and maintenance
- Coordinated website updates across three platforms (desktop, tablet, mobile)





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指導學生競賽案例-智慧居家屋



"智慧居家屋" Smart Home System

A comprehensive IoT-based smart home solution that participated in a national competition



IoT Sensors

Multiple sensors combined with IoT technology to collect environmental data including temperature, humidity, and light.



Solar Panels

Solar panels designed to automatically rotate toward the sun to absorb maximum energy during daylight hours.



Web Interface

PHP-based backend connects to the frontend, displaying real-time data collected from sensors via a user-friendly interface.



Competition

Developed as part of a competition entry for high school students, focusing on practical application of IoT technology.





Won 4th place in a national competition organized by National Pingtung University

This achievement demonstrates the project's effectiveness and innovation in practical IoT application

This project was developed as part of Yu-Xiang Su's

1 This project was developed as part of Tu-Mang Su

教學經歷

Teaching Experiences



Industrial Group Internship Subject Teacher

Private Long榮 High School · 2023-2025

- Guided students in Arduino programming and IoT applications
- Prepared teaching materials and guided students for competitions



Information Technology Teacher

Tainan Six Xin High School · 2023-2024

- Used English and Chinese bilingual teaching approach
- Taught network principles and website setup



Internship Supervisor

China Christian Ling Leung World Missionary Church · 2021-Present

- Led team of three university students in website development
- Guided students in setting up official websites for educational institutions



Notable Achievements



Long禁 High School "Smart Home" Project

November 2024: Participated in competition organized by National Tiger Tail University of Technology

National Pingdong University, won 4th place



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特殊經歷



Public Speaking

- Hosted large events at Tainan Ling Leung Church with approximately 300-500 attendees
- Facilitated program transitions and responded to speaker highlights
- 🛂 台风 steady, lively and outgoing personality
- Excellent communication and stage presence skills



Competition Achievements

- November 2024: Guided Long Hon Kong Senior High School students' "Smart Home House" project to participate in a competition hosted by National Huwei University of Science and Technology
- ➢ December 2024: Same project won 4th place in a competition hosted by National Pingdong University
- Demonstrated exceptional project guidance and technical expertise



Leadership Roles

- Supervised three junior information engineering interns during summer internship
- Successfully led team to complete official website setup and information deployment
- Held weekly progress tracking meetings to monitor team progress
- Demonstrated strong project management and team leadership skills