

JIAO SHIH L. LO

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EDUCATION

Colegio De Muntinlupa

Bachelor of Science in Computer Engineering

Muntinlupa, Metro Manila

Expected 2026

CERTIFICATIONS

AI Fundamentals - DataCamp

AI Concepts and Ethics

2025

Certificate ID: AIF0025087938573

Managing Data with Microsoft 365 - LinkedIn Learning

Data management skills using Microsoft 365 suite

2025

Certificate ID: 1116ea38e9...

Database Design - DataCamp

Database modeling and design fundamentals

2025

Junior Cybersecurity Analyst - Cisco

Foundational knowledge in cybersecurity principles and practices

2025

TECHNICAL PROJECTS

Inventory Management Web Application | Software Developer

2024

- Created a comprehensive web application for Central Storage Room managing both reservations and inventory tracking using HTML, CSS, JavaScript, and PHP
- Implemented MySQL database system enabling real-time inventory updates and efficient reservation scheduling for 100+ stored items
- Designed intuitive user interface reducing item request processing time by 60% while improving inventory accuracy through automated stock level tracking
- Conducted regular stakeholder consultations to align development with evolving requirements, resulting in high user satisfaction

PCB Design & Hardware Implementation | Hardware

2024

- Designed and optimized through-hole PCB layouts using EAGLE, implementing EMI reduction techniques and ensuring signal integrity in compact form factors
- Executed precision through-hole soldering with 80% connection success rate, verified through comprehensive continuity testing
- Applied theoretical electronic principles to practical circuit implementations, troubleshooting complex connectivity issues

PROJECT MANAGEMENT & COLLABORATION

Project Requirements Gathering & Team Coordination

2024

Software Design Course Project

Colegio De Muntinlupa

- Led stakeholder engagement sessions capturing specific requirements and translating them into technical specifications
- Developed and maintained detailed project timelines utilizing Gantt charts for milestone tracking and resource allocation
- Created interactive frontend prototypes enabling early user feedback and reducing revision cycles
- Facilitated cross-functional team communication, ensuring alignment between user needs and technical implementation

TECHNICAL SKILLS

Languages: Fluent in English and Filipino; Beginner Arabic and Mandarin

Hardware/Electronics: PCB Design, FPGA Programming (Verilog), Op-Amps, BJTs; Equipment: Oscilloscope, Multimeter, Signal Generator

Software & Programming: Assembly, C++, Verilog, SQL, HTML, CSS, JavaScript, PHP; Tools: EagleCAD, Proteus, SolidWorks, Microsoft 365, Miro, CISCO Packet Tracer, Mermaid, Alteryx

Skills: Basic data analysis, Microsoft 365 data management, database design, SQL queries