Yah Xuan Leong

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Summary

As a Computer Science student, I have immersed myself in a diverse and rigorous curriculum, developing a strong foundation in both theoretical and practical aspects of technology. My coursework spans key areas such as Object-Oriented Programming, Data Structures, Algorithms, Computer Organization, Operating Systems, Software Engineering, and Programming Languages. This comprehensive education equips me with a deep understanding of the software development lifecycle, from conceptualization to implementation.

I have also explored specialized topics like Software Project Management, Multimedia Laboratory, and Introduction to Data Science, which have broadened my technical expertise and prepared me to tackle real-world challenges. My commitment to staying ahead in the field is evident in my engagement with advanced subjects, including Artificial Intelligence for Image Recognition and the Application and Practice of 3D Printing.

Beyond my technical skills, I am dedicated to being a global citizen. I have studied Korean, Spanish, and French at an introductory level for a semester each, which has enhanced my ability to communicate and collaborate across cultures. This linguistic proficiency, along with courses in management, engineering ethics, and business communication, makes me well-prepared to work effectively in multinational teams and diverse environments.

My passion for technology drives me to continually seek out new challenges and opportunities for growth. As I look forward to participating in internship programs, I am eager to apply my diverse skill set to develop innovative solutions and contribute to the tech industry. I am committed to excellence and aspire to become a future leader in the technology sector.

Education

National Taiwan University of Science and Technology

Bachelor's degree, Computer Science and Information Engineering
Sep 2021 - Jun 2025

Licenses & Certifications

Ready Player 50 - CS50
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International Practical Applications Seminar on Electrical Engineering and Computer Science - National Taiwan University of Science and Technology

Climate Fresk Workshop - National Taiwan University - Student Association

English Corner Facilitators Training Workshop - National Taiwan University

Introduction to Post-Quantum Cryptography (Basic Level) - Industrial Technology Research Institute (ITRI)(工業技術研究院, 工研院)

Skills

C (Programming Language) • C++ • Python (Programming Language) • Large Language Models (LLM) • Prompt Engineering • Artificial Intelligence (AI) • Quantum Computing • Post-Quantum Cryptography • Information Security • Cryptographic Algorithms

Honors & Awards

Certificate of Merit - Outstanding Academic Performance and Dedication Scholarship - Overseas Community Affairs Council, Taiwan (R.O.C.)
Dec 2023
Awarded the Certificate of Merit by the Overseas Community Affairs Council, along with a scholarship of NTD 6,000, for outstanding academic performance and dedication in 2023. This recognition underscores my commitment to academic excellence and my capacity to excel in challenging environments.

Certificate of Service - Secretary, Overseas Chinese Students Association - National Taiwan University of Science and Technology - Office of Student Affairs
Jul 2023
Awarded the Certificate of Service for exemplary performance and dedication during my tenure as Secretary of the Overseas Chinese Students Association at NTUST for the 2022-2023 academic year. Recognized for exceptional responsibility in managing association activities and fostering communication among members.

Shanghai Commercial Savings Bank Cultural and Educational Foundation Scholarship for Malaysian Chinese Students - Shanghai Commercial Savings Bank Cultural and Educational Foundation
Jan 2023
Awarded the prestigious scholarship by the Shanghai Commercial Savings Bank Cultural and Educational Foundation in recognition of my academic excellence and all-around performance in the Information Engineering program at National Taiwan University of Science and Technology. Recommended by the university and approved after thorough review, this scholarship highlights my commitment to academic and extracurricular excellence.

Certificate of Completion - Leadership Training Workshop for Student Organization Leaders - National Taiwan University of Science and Technology - Office of Student Affairs
Oct 2022
Awarded a Certificate of Completion for successfully participating in the "Leadership Training Workshop for Club Officers" held on October 1, 2022, organized by the Student Affairs Office of National Taiwan University of Science and Technology. Represented the Malaysian Student Association, enhancing leadership and organizational skills vital for managing student organization activities and collaborations.

Certificate of Participation - Summer Overseas Chinese Student Association Leadership Workshop - Overseas Community Affairs Council, Taiwan (R.O.C.)
Jul 2024
Awarded in recognition of my active participation and enthusiasm in the 113th Academic Year Summer Overseas Chinese Student Association Leadership Workshop, organized by the OCAC and the China Youth Corps. This workshop focused on developing interpersonal relationships, social values, creativity, and team spirit among overseas Chinese student leaders. My dedication to learning and active engagement in team activities were highly commended.

Certificate of Achievement - Seminar for the Leaders of College Extracurricular Clubs - China Youth Corps, Taiwan (R.O.C.)
Jul 2024
Awarded for completing the 128th Summer Seminar for the Leaders of College Extracurricular Clubs, held from July 9-13, 2024. The seminar focused on club management, leadership, team spirit, and innovation. It included lectures, elective courses, team guidance, and experience sharing to foster leadership and enhance club development.