
LEONG Yah Xuan

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Education

NATIONAL TAIWAN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Taipei, Taiwan

BS in Computer Science and Information Engineering, GPA: 3.66/4.3

Jun 2025

Honors & Awards:

- Award of Excellence – 2025 Makerthon (North Regional)
- Certificate of Merit – Academic Excellence & Conduct
- Scholarship for Outstanding Academic Performance & Dedication (2023 & 2024)
- Shanghai Commercial & Savings Bank Malaysian Chinese Scholarship

Relevant Coursework: Object-oriented Programming, Data Structures, Algorithms, Operating Systems, Software Engineering, Database Systems, Compiler Design, Programming Languages, Windows Programming, Software Project Management, Introduction to Multimedia Information Systems, Introduction to Data Science, Introduction to Information Security, Practical AI of Image Recognition, 3D Printing Principles & Practice

CHONG HWA HIGH SCHOOL

Kluang, Johor

High School Diploma (SPM / UEC)

Dec 2020

Entrance Scholarship. Math & Science Awards (Kangaroo Math, Chen Jingrun's Cup, ANQ Quiz).

Experience

ONWARD SECURITY

New Taipei, Taiwan

Cybersecurity Testing Intern

Sept 2024 – Jun 2025

- Performed network scanning and packet analysis using Nmap; identified vulnerabilities via CVE and CVSS standards
- Conducted IoT penetration testing on Raspberry Pi using OWASP IoTGoat
- Executed automated vulnerability assessments with Nessus and analyzed malware using ClamAV, Acunetix, and ThreatSonar
- Audited telecom hardware (Juniper, Fortinet) for compliance with cybersecurity benchmarks
- Automated security reports in Dradis aligned with MAS, TAICS, and CNS standards
- Tested IP camera/video surveillance systems for CNS 16120 national compliance

Leadership and Activities

NTUST STUDENTS ASSOCIATION

Taipei, Taiwan

Minister of Finance

Jul 2024 – Jun 2025

- Built automated receipt submission and verification workflows with Google Forms & Apps Script
- Developed standardized SOPs and led inter-departmental budget coordination
- Created a live budget transparency platform using Google Sites, Sheets, HTML/CSS

NTUST OVERSEAS CHINESE STUDENTS ASSOCIATION

Taipei, Taiwan

Vice President

Sept 2024 – Jun 2025

- Digitized association archives and established a new Google Workspace system

Officer of the Treasury Department

Sept 2023 – Jun 2024

- Transformed legacy paper accounting into digitized, shared spreadsheets

Secretary

Sept 2022 – Jun 2023

- Standardized and secured meeting minutes using tamper-proof PDFs
- Obtained alumni sponsorship through formal grant proposals

Volunteer Experience

UNIVERSITY COMPANION – International Companions for Learning (ICL) *National Taiwan University (NTU)*

Taichung, Taiwan
Sep 2024 – Dec 2024

- Selected by Taiwan's Ministry of Education to foster cross-cultural exchange between international students and rural schoolchildren
- Co-led weekly online English and cultural sessions with NTU students for Cheng-Kung Elementary and Jinshan High School
- Designed and delivered a 9-week curriculum on Malaysian culture through interactive storytelling, games, and discussions
- Built lasting relationships with students, culminating in an in-person school visit
- **Recognition:** 110-hour Service-Learning Certificate (Ministry of Education, Taiwan); Certificate of Appreciation (Cheng-Kung Elementary School)

STUDENT VOLUNTEER

Bali Ai-Hsin Home for Persons with Disabilities

New Taipei, Taiwan
May 11, 2024

- Assisted individuals with disabilities through art activities and mobility support
- Maintained hygiene standards and contributed to inclusive community care
- **Recognition:** Certificate of Volunteer Service (Bali Ai-Hsin Home)

STAGE CREW VOLUNTEER – Malaysian Cultural Festival *Malaysian Chamber of Commerce and Industry in Taipei*

Taipei, Taiwan
Nov 2023

- Supported live stage coordination for a large cultural event
- Helped troubleshoot live issues to ensure smooth performances
- **Recognition:** Volunteer Certificate (endorsed by Taiwan's Ministry of Culture)

SUMMER PROGRAM VOLUNTEER

Asia-Pacific University Volunteers Association (APUVA)

Hualien, Taiwan
Jun 2022 – Aug 2022

- Participated in beach cleanups to promote marine sustainability at Qixingtan Beach
- Delivered elder care services in underserved rural communities
- Led environmental education initiatives for intergenerational audiences
- **Recognition:** 46-hour Certificate of Volunteer Service (APUVA)

Skills & Interests

Technical:

- **Programming:** C, C++, C#, Python, Java, JavaScript, Bash
- **Web & Scripting:** HTML/CSS, Google Apps Script
- **Tools & Platforms:** React, Qt, Git, Linux, VS Code, Google Workspace, VM
- **Security & Testing:** Nmap, Nessus, Acunetix, Dradis, ClamAV, ThreatSonar
- **Practices:** Technical Documentation, Version Control

Languages:

- English (Fluent)
- Mandarin (Native)
- Malay (Fluent)

Interests:

- Cybersecurity challenges (CTFs)
- cross-cultural collaboration
- badminton, skateboarding