

Siew Sheng Yao

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Education

Asia Pacific University of Technology & Innovation (APU)	September 2024 - Present
<ul style="list-style-type: none">Bachelor of Science (Honors) in Computer Science (Data Analytics)CGPA: 3.77 / 4.0	
Asia Pacific University of Technology & Innovation (APU)	May 2022 – July 2024
<ul style="list-style-type: none">Diploma in Information and Communication Technology (Software Engineering)CGPA: 3.78 / 4.0; First Class Honours Graduate	

Experience

IPS Software Sdn. Bhd.	On-Site
Internship - Full-stack Developer	April 2024 – July 2024
<ul style="list-style-type: none">Developed and launched 11 unique e-commerce projects with a web control management system using PHP, HTML, CSS, JavaScript, jQuery, and AJAX.Enhanced UI/UX using Figma, increasing customer satisfaction by 70%.Administered and maintained databases using cPanel, FileZilla, MySQL, and phpMyAdmin.Diagnosed and resolved backend bugs, improving system performance.Conducted and executed system testing on over 11 e-commerce platforms, control management systems, and mobile applications, reducing project errors by 25% before deployment.Utilized GitHub for cloning repositories, pushing updates, and maintaining version control.Developed and tested TV box software, orchestrating multi-screen synchronization for seamless operation.	
Kedai Ubat Wey Cang	On-Site
Full-Time Employee	October 2020 - April 2022
<ul style="list-style-type: none">Designed and developed a digital name card website using Canva.Transformed the company from a traditional to digital business model, increasing sales by 5% through self-learning and establishing Shopee and Lazada stores.Created and managed e-commerce platforms, including designing product images with Photoshop, supervising packaging, transportation, and production processes.Boosted company popularity by 10% by establishing and maintaining a Google Business account and Facebook page.	

Technical Skills

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|-------------------|--------------|--------------------|-------------------------------|
| • R Studio | • PHP | • Java | • Data Visualization |
| • Python / Pandas | • HTML | • Figma | • Artificial Intelligent (AI) |
| • SQL | • CSS | • GitHub | • Data Mining & Cleaning |
| • Java | • JavaScript | • Machine Learning | • Microsoft Excel |

Language

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| • English | • Chinese | • Malay |
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Achievements

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| • Participated in the APU APAC Python Data Analysis Workshop. | 2025 |
| • Earned a participant certificate from BERSAMA MALAYSIA: Microsoft AI For All. | 2025 |
| • Achieved a participant certificate from Transforming Industries with Machine Learning: Techniques, Applications, and Future Directions. | 2024 |
| • Earned a participant certificate from Implementing AI in Web Projects using Cloudflare and Next.js. | 2024 |
| • Obtained a participant badge as a Postman API Fundamentals Student Expert. | 2024 |
| • Secured a participant certificate in the APU AWS DeepRacer Competition. | 2023 |
| • Served as Deputy Head of the Chinese High School Scouts Association. | 2019-2020 |
| • Led and chaired an event with over 70 participants, ensuring seamless execution and engagement. | 2020 |

Work Collections

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- **Developed a Grocery Website** using HTML, CSS, JavaScript, SQL, PHP, and WampServer. | [Link](#)
 - **Built an AI Chatbot** using Python, Spacy Library, Discord, and Streamlit. | [Link](#)

References

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| • TS.DR. VINESHA A/P SELVARAJAH | • Mr. Lim Chun Cheak |
| Relationship : Mentor and student | Relationship : Lecturer and student |
| Position : Senior lecturer | Position : Part Time Lecturer |
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