Siew Sheng Yao

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Education

Asia Pacific University of Technology & Innovation (APU) September 2024 - Present

- 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

- 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

- 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

- 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

• 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

• English	• Chinese	• Malay

Achievements

• 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

- **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

• **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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