

Chin Ao-Wen

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EDUCATION

Nanyang Technological University, Singapore

Aug 2022 – May 2026 (expected)

Bachelor of Science in Mathematical Sciences (Specialization in Business Analytics)

- Current CGPA: 4.04/5.00

ACADEMIC PROJECT

MaritimeONE Digital Challenge, IMC Shipping

Aug 2023 – Nov 2023

Devised business solution with aim of reducing GHG emissions for the maritime industry

- Awarded 1st Place for the case competition (National-wide)
- Designed unique detailed business solution to reduce GHG emissions of vessels at Singapore ports by minimizing vessel idle time while maximizing berth utility
- Demonstrated solution feasibility using Figma for wireframing web application and simple statistical analysis methods to predict potential profit using created solution

WowDAO Worldwide AI Hackathon

May 2023 – Jul 2023

Developed Android app leveraging AI tools to help students take better notes

- Built an Android app (MVP) where users can upload lecture video/audio recordings, transforming into summarized notes, flashcards, mind maps, all with translation functionality
- Acted as group leader in a team of 4, responsibilities included being primary liaison with team mentor and project coordination, task delegation
- Gained experience in Figma, Kotlin and Android Studios for wireframing and development of app, as well as working with APIs such as Firebase and GPT-3.5

Temasek Polytechnic, Singapore

Sep 2019 – Dec 2019

Final Year Project – Developed live customer website with login portal for client

- Took on leadership role in a team of 4, responsibilities included delegating tasks and serving as primary liaison between client and our team
- Gained knowledge in basic HTML, CSS, JavaScript, and Bootstrap 4, providing foundational skills for future web-development projects
- Website exceeded client expectations and was awarded commendation letter

INTERNSHIP EXPERIENCE

Great Eastern (*Expected*)

Jul 2024 – Dec 2024

Data & AI Strategy

- Identify initiatives/projects as well as metrics and KPIs required to be tracked
- Establish data pipelines by identifying and connecting to relevant data sources, establishing new data collection standards where necessary
- Implement data extraction, transformation, and loading (ETL/ELT) processes, developing SQL queries, scripts and stored procedures for data retrieval and analysis
- Create dashboards using Tableau to monitor and track KPIs

National Library Board

May 2024 – Jul 2024

Data Analyst

- Analysed customer satisfaction survey (CSS) data using LLM for sentiment analysis and qualitative data coding
- Analysed data, including from Google Analytics (GA), to identify NLB Mobile App usage trends, and conducted demographic analysis to provide actionable insights for app redevelopment and tailor features and content to target audiences
- Documented data acquisition, cleaning, and analysis process to ensure transparency and reproducibility.
- Developed a GA user guide for colleagues to support future GA data-driven projects.

NATIONAL SERVICE EXPERIENCE

Singapore Armed Forces

Jul 2021 – Jul 2022

Human Resources Assistant

- Handled and tracked (primarily with Microsoft Excel) out-processing of servicemen from several different units, liaising with multiple business units

- Volunteered to undertake additional responsibilities including but not limited to redesigning of unit webpage and participating as planning committee for various events
- Entrusted person for training and supervising new personnel, offering continuous advice and guidance, including to full-time staff, on best practices on workflow as well as assistance with various software (Microsoft Access/Excel etc.)

CO-CURRICULAR ACTIVITIES

Crescent Hall D&D & Crescent Hall Council

Oct 2022 – Sep 2024

Business Manager (Bizmag) Sub-Committee Member

- Contacting and liaising with various companies for event sponsorships
- Directed packing and distribution of welfare items for most events
- Generated profits for committee as main salesperson of sales booth for D&D fundraising
- Awarded “Best Subcommer” out of 15 other members for demonstrating diligence and exceptional work attitude

Crescent Hall & SPMS (Faculty) Freshmen Orientation Camp

Oct 2022 – Aug 2024

Group Leader (GL) Sub-Committee Member

- Assisted in orientation games testing and development for over 200 freshmen
- Appointed as main GL within individual orientation group to oversee and coordinate smooth flow of activities and ensure morale of freshmen

SKILLS

Languages: English (Native) and Chinese (Conversational), Japanese (Beginner – Learning in Progress)

(Digital skills) Proficient: Python (Pandas), Microsoft Office (Excel, Powerpoint, Word), HTML5, CSS

(Digital skills) Intermediate: R, SQL (MSSQL), Google Analytics

(Digital skills) Beginner: Tableau, Javascript, Kotlin,

HOBBIES & INTERESTS

Riding/working on motorcycles, Cooking, Technology, Sports (Badminton / Muay Thai / Gym), Self-improvement (Learning new skills / information)