

# Chin Ao-Wen

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## EDUCATION

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### Nanyang Technological University

Aug 2022 – May 2026

*Bachelor of Science in Mathematical Sciences with a Specialisation in Business Analytics*

- Current GPA : 4.05/5.0 (Second Class Honours)
- Relevant Courses : Regression Analysis • Time Series Analysis • Machine Learning • Financial Econometrics • Data Science & AI • Probability & Statistics • Business Operations • Data Structures & Algorithms • Databases
- External Courses : Python and SQL for Data (Duke) • Data Analysis and Visualization • Python and Pandas for Data Engineering • Linux and Bash for Data Engineering • Google Data Analytics

## WORK EXPERIENCE

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### ANEXT Bank, Ant Group

Jun 2025 - Aug 2025

*Data Analytics & Business Intelligence Intern*

- Initiated end-to-end project to track customer onboarding journey and pain points to improve customer conversion rate at each step.
- Developed various ETL pipelines and dashboards for multiple business units and management level insights, tailoring solutions to the specific end-use requirements.
- Supported development of AI chatbot using internal drag and drop tools, leveraging internal LLMs to allow business users to query tables in natural language.

### Great Eastern

Jul 2024 - Dec 2024

*Data & AI Strategy Management Intern*

- Spearheaded the evaluation of existing Data and AI products by designing custom KPIs to assess business impact.
- Designed and implemented end-to-end ETL workflows, developing efficient queries, automation scripts, and stored procedures to enable scalable data extraction, transformation, and analysis across multiple sources.
- Engineered a Tableau-based MVP dashboard for product owners and department heads to monitor key metrics, and developed a high-level systems overview for senior management—garnering approval for organization-wide rollout.

### National Library Board

May 2024 - Jul 2024

*Data Analyst Intern*

- Initiated data analysis efforts on NLB Mobile App engagement, using Google Analytics to track user trends and conduct demographic profiling to provide strategic insights to guide future UI/UX redesign initiatives.
- Utilized advanced NLP techniques via Large Language Models to perform sentiment analysis and code open-ended responses in customer satisfaction surveys.
- Documented data collection, cleaning, and analysis processes to ensure transparency and reproducibility.
- Designed a Google Analytics user guide to equip team members with the knowledge needed for consistent and scalable data-driven project execution in the future.

## COMPETITIONS

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### MaritimeONE Digital Challenge, IMC Shipping

Aug 2023 - Nov 2023

*Devised Greenhouse Gas Reduction Business Strategy (Obtained 1st 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.
- Validated proposed solution by creating interactive web app wireframes in Figma and conducting profitability projections through statistical analysis.

### WowDAO Worldwide AI Hackathon

May 2023 – Jul 2023

*Engineered an Android app leveraging AI tools to optimise learning*

- Led a team of four to design and develop an Android MVP app that converts lecture recordings into summarized notes, flashcards, and mind maps with multilingual translation features.
- Engineered an Android app by designing the UI in Figma and developing with Kotlin and Android Studio; integrated Firebase for real-time data handling and the GPT-3.5 API for AI-powered features.

## PERSONAL PROJECTS

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### Data Project - Bank Statement Analysis app

Ongoing

- Developed RAG application to parse through uploaded bank statements, returning table of transactions relevant to user's prompt requirements.
- Next steps : Improve accuracy of outputs • Implement user authentication (accounts) • Store outputs for long term analysis, dashboarding, forecasting • Deployment

## SKILLS & INTERESTS

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Coding	• Python • MSSQL/MySQL/PostgreSQL/SQLite • R • HTML5 • CSS • JS • Tableau • Google Analytics
&Technical	• React • MongoDB • Kotlin • Microsoft Office
Languages	• English (Native) • Mandarin (Native) • Japanese (Level II) • Malay (Level II)
Interests	• Motorcycles • Cooking (Italian/French) • Badminton • Muay Thai • Gym • Photography • Traveling