Ong Han Wei

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Education

National University of Singapore
Bachelor of Computing in Computer Science
Aug 2021 – May 2025 (Expected)
- GPA: **4.35 / 5.0**
- Dean's List for AY23/24 Semester 1
- Certificate of Distinction in Software Engineering Focus Area
- Certificate of Merit in Artificial Intelligence Focus Area

Internship & Work Experience

NCS Pte Ltd – *Generative AI Intern*
Jan 2025 – Present
- Designed chatbot evaluation framework with dynamic user personas and adaptive test agendas, cutting evaluation time by 90%.
- Pioneered LLM-as-judge workflow using SME critiques, projected 90%+ accuracy within 5 iterations.
- Automated documentation with MkDocs & Playwright, reducing manual effort by 93%.

Dnd Trading & Services Pte Ltd – *Software Developer Intern*
May 2024 – Aug 2024
- Built barcode scanning web app with Next.js, reducing scan time by 17%.
- Developed RAG-based customer support solution using LangChain & Ollama, cutting $144K/year in ops costs.

Kinexcs Pte Ltd – *Software Developer Intern*
May 2023 – Aug 2023
- Built AWS Lambda-powered report generator, reducing record retrieval time by 84%.
- Refactored rendering with Pandoc for 12x speedup.
- Integrated patient records across clinics, reducing transfer errors by 30%.

Dart Consulting and Training – *Independent Contractor*
Mar 2023 – Apr 2023
- Boosted QA test coverage by 20% with edge-case testing.
- Refactored test cases using Pytest, reducing grading time from 180s to 10s.

Kinexcs Pte Ltd – *Software Developer Intern*
Jun 2022 – Aug 2022

- Secured partnerships with 3 clinics by iteratively refining platform based on feedback.

Projects

OptiMove AI – *Software Developer*
Feb 2025 – Apr 2025
- Built LLM-based deduplication system, reducing data noise by 70%.
- Designed real-time monitoring pipeline, projecting 25% faster emergency response.

Peerprep – *Software Developer*
Aug 2023 – Oct 2023
- Developed Golang GCP Cloud Function pipeline to ingest 200+ LeetCode questions.
- Dockerized auth microservices (JWT/OAuth 2.0) for scalable user management.

TEAMMATES (NUS-OSS) – *Contributor*
Jun 2023 – Aug 2023
- Merged 6 Angular.js PRs and resolved 2 production defects.

MyInsuRec – *CRM Tool Developer*
Jun 2023 – Aug 2023
- Modernized CRM system for insurance agents, improving efficiency by 30%.

Co-Curricular Activities

NUS Wikithon – *Program Head*
Dec 2021 – Jun 2022
- Co-organized 2-day hackathon; resulted in 5+ prototype solutions for NGOs.

Additional Information

- **Languages**: English (Fluent), Mandarin (Fluent)

- **Interests**: Chinese Chess, Sudoku, Stand-up Comedy