Lim Enwee

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Github : https://github.com/LimEnwee927

EDUCATION

Nanyang Technological University | Bachelor of Electrical and Electronic Engineering   07/24--Present

- Cumulative GPA: 4.57/5.00 (First Class Honours)
- Research Intern in NTU Centre for Advanced Robotics Technology Innovation (CARTIN)
- NTU Deep Learning Week Hackathon Top 12/157 Team
- NTU Machine Learning and Data Analytics Club
- Sub committees of NTU Heritage Club

SKILLS

- Language Proficiency: English, Malay, Chinese
- Python, C language,C++, SQL
- Data Science library: numpy, matplotlib, tensorflow, keras, Pytorch, Skicit-Learn

EXPERIENCE

Undergraduate Researcher | AI for Medical Applications | 01/2026--Present
Nanyang Technological University Singapore, under Prof. Fan Xiuyi

- Developed hybrid model combining **Markov Chain and Neural ODEs** to predict patient outcomes from irregular medical time series data
- Designed Neural ODE networks to model continuous-time dynamics
- Implemented Data processing, evaluation pipelines on medical datasets such as MIMIC

Senoko Energy | Electrical Engineer Intern, Singapore |**05/2025—08/2025**

- Major Overhaul and Testing for Gas-Insulated Switchgear
- Root Cause Analysis and Troubleshooting of Electrical System(Motors, Switchgears, Transformers, Protection Systems) in Power Plant
- Developed Digital Twin Technology for Predictive Maintenance