

## Contact

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## Skills & Technologies

Scikit-learn PyTorch  
OpenCV PowerBI bs4  
R Shiny ggplot2  
PyTesseract Selenium  
Hadoop Spark MongoDB  
Tableau AWS

## Programming Languages

Python R SAS SQL  
MATLAB VBA  
HTML CSS Javascript

## Languages

- English
- Chinese
- Malay

## Interest

- ♟ Chess
  - Ranked 1<sup>st</sup> in Malaysia (2024 Feb).
  - Attain the title of International Master (IM)
  - Southeast Asian (SEA) Games gold medalist (2019)

# Yeoh Li Tian

*As a data science graduate from Malaysia with a solid foundation in mathematics, I am passionate about AI/machine learning and their applications. Also a SEA games gold medalist in chess.*

## 🧰 Working Experience

**KPMG Malaysia** 2023 Aug - Present  
Associate - Financial Risk Management

- Assisted the client bank in developing behavioral models for IRRBB reporting, specifically focusing on the prepayment model where Single Monthly Mortality (SMM) rate served as the key variable of interest.
- Validated the Expected Credit Loss (ECL) model for the client bank, ensuring its compliance with MFRS9 requirements.

**Lifewood Data Technology** 2023 Feb - 2023 Aug  
Data Analyst

- Created and modified Microsoft Power BI reports based on user requirements to support business decision-making processes.
- Contributed to research on integrating AI tools, such as LLM and OCR, to improve productivity across various departments and projects.
- Utilized LLM to optimize the efficiency of a data labelling project, leading to a 20% reduction in completion time.

## 🎓 Education

**Master of Data Science** 2021 - 2022  
University of Malaya, Malaysia

- Completed mini-projects on various machine learning tasks.
- Implemented CNN using PyTorch library in solving image recognition task.
- Hands-on experience in using big data tools such as Hadoop and MongoDB.

**BSc Mathematics** 2018 - 2021  
Imperial College London, UK

- Dean's list in Year 1 and Year 2.

## ✂ Personal Project

**FIDE Norm Calculator** [🌐 Repository]

- Web-based app (RShiny) to assess chess players' performance against World Chess Federation (FIDE) title norm requirement.
- Supports parsing of players' tournament performance data from chess-results.com, enabling seamless translation of results into the app for streamlined evaluation.

**MLBB Tournament Analysis** [🌐 Repository]

- Developed a Python script using Beautiful Soup 4 (bs4) to scrape MLBB (a popular mobile MOBA game in SEA region) professional tournament game data from Liquipedia.
- As of 2023 December, a total of more than 10,000 game data collected from 228 tournaments.
- (On-going) Perform several analysis such as hero ban-pick statistics on the data collected.