

## Contact

☎ +60 12-3190613  
✉ yeohlitian@gmail.com  
🌐 github.com/LiTianYeoh

## Skills & Technologies

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

## Programming Languages

Python R SAS SQL  
MATLAB VBA

## Languages

- English
- Chinese
- Malay

## Interest

- ♟ Chess
- 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

**Beyondsoft Malaysia** 2024 May - Present  
Data Analyst Engineer (outsourced from Tencent Games)

- Conducted game and player data analysis to identify suspicious events (such as player with abnormally high win rate), followed by the development and monitoring of the data pipelines for automated extraction of these outliers.
- Currently involved in the development of a macro (auto-click) detection model using game interaction log data. The process involves analyzing game recordings, preprocessing log data, performing feature engineering, training and testing the model for accurate detection.

**KPMG Malaysia** 2023 Aug - 2024 May  
Associate - Financial Risk Management

- Supported local client banks in developing and validating models to ensure compliance with reporting standards such as MFRS9.
- Contributed to the R&D of models in compliance with 2024 CRST Methodology Paper.

**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

- Implemented CNN using PyTorch library in solving image recognition task as part of the final research project.

**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, easing the translation of results into the app for quick 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 2024 May, a total of more than 10,000 game data collected from 266 tournaments.
- Performed several analysis such as hero ban-pick statistics and vector embedding on the data collected.