Contact

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Programming Languages

- ⭐ **Python**
- ⭐ **SQL**
- ⭐ **R**
- • SAS
- • MATLAB

Skills & Technologies

- ⭐ **scikit-learn**
- ⭐ **streamlit**
- ⭐ **PowerBI**
- ⭐ **selenium**
- ⭐ **bs4**
- • SHAP
- • PyTorch
- • OpenCV
- • Tableau
- • R Shiny
- • ggplot2

Languages

- • **English**
- • **Chinese**
- • **Malay**

Interest

- ♞ **Chess**
- • **Attain the title of International Master (IM)**
- • **Southeast Asian (SEA) Games gold medalist (2019)**

Yeoh Li Tian

A data analyst with 2 years of experience, focusing on machine learning and predictive modelling. Skilled in data visualization and leveraging machine learning techniques to drive data-driven decision-making.

💼 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.
- Developed a macro (auto-click) detection model using game interaction log data, achieving an average detection rate of 5 players per day. The process involved 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.