LIM YI WEI

SOFTWARE DEVELOPER

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EDUCATION

Bachelor of Science in Computer Science (1st Class Hons)   **Oct 2022 - April 2025**
Singapore Institute of Management & University of London

Diploma in Game Design & Development   **April 2017 - April 2020**
Temasek Polytechnic

PROJECTS

Pneumonia Detection using Chest X-Rays   **March 2024 - Oct 2024**
Self-Published on Kaggle
- Explored and implemented various machine learning architectures (CNN, LSTM, SVM) for pneumonia detection using chest X-ray images.
- Applied advanced deep learning techniques for image classification and model comparison.
- Published code and findings on Kaggle, demonstrating proficiency in model deployment and community engagement.

Expense Tracking Application: SmortMoney   **March 2023 - Sep 2023**
Goldsmiths, University of London
- Collaboratively developed a cross-platform expense-tracking app using React and Google Firebase, compatible with both iOS and Android devices.
- Focused on backend development, linking user-input data to Firebase for secure, real-time storage and retrieval.
- Enhanced application functionality by ensuring seamless integration between frontend components and Firebase.

Mobile Game: Relab Escape   **Nov 2018 - March 2019**
Temasek Polytechnic
- Designed and developed core game mechanics for an interactive music rhythm game
- Integrated user interface components with game functionality to enhance user experience
- Assisted with game publishing on the Google Play Store, ensuring compliance with platform requirements

WORK EXPERIENCE

OTWO INC PTE LTD, Intern   **June 2019 - Dec 2019**
- Streamlined IT infrastructure, reducing system downtime and improving operational efficiency.
- Developed gamified event concepts that boosted engagement levels and contributed to an increase in event attendance.
- Attend social networking events to help the company gain connections and projects.

SKILL AND TECHNOLOGIES

- Programming Languages: JavaScript, Python, C++, C#, HTML, CSS
- Frameworks & Tools: React, Unity, Jupyter Notebook, UiPath, Tableau
- Technologies: SQL, Google Firebase, TensorFlow, Scikit-Learn, LLM
- Core Skills: Deep Learning, Artificial Intelligence, Data Analytics, Game Development, Leadership, Teamwork, Agile, Low-Code