

EDUCATION

National Changhua University
of Education

Bachelor in Information Management • 2019-2023

National Chengchi University

Master in Management Information Systems • 2023-Present

EXPERIENCE

Industry Cooperation - Proof of Concept Trial of Generative AI Language Model

Python

Research Assistant • January 2024 - Present

- The project aims to establish a large-scale proprietary language model for the enterprise, involving data fine-tuning and functionality validation, as well as enhancing the model's ability to comprehend regulatory texts and answer questions based on regulatory content.
- Generating QA training data from Gemini and ChatGPT by providing raw data.
- Fine-tuning the language model via LoRA. The language models are currently being fine-tuned using Zephyr and Gemma 7B as experimental language models.
- Evaluate the training results of the language model, and then have the language model undergo a secondary validation with RAG(retrieval-enhanced generation).

PROJECTS

Product Introduction Chatbot

Flask,Python

Develop a Line-based specific document dialogue query program by integrating Line Chat API and LangChain tool

- Developed a LINE chatbot that utilizes embedding technology to retrieve documents when users inquire about product-related questions, and respond to the users' inquiries.
- Deploy the backend on Replit, utilizes the Flask framework and integrates the LINE Bot API to receive user input text. Subsequently, LangChain processes product catalogs and integrates with ChatGPT to generate responses, which are then sent back to the user.

Senior Project - « LOSTLANE - LUXEM'S CRISIS »

Unity,C#,MAYA,mixamo,
CHARACTER CREATOR

A 3D third-person adventure game developed using the Unity engine.

- Using Unity as the game engine for development, the programming language used is C#.
- The scenes and objects in the game were modeled and animated using MAYA, while the character models are created using CHARACTER CREATOR and their animations were made using mixamo.
- The main gameplay of the game involves controlling a character to parkour through the map, defeating AI enemies coming from all directions, and locating hidden treasure chests within the map to complete the level.

Subscription Website - JackStudio Music

HTML,CSS,SQL
JavaScripts

A subscription website for sound effects and piano sheet music

- Built frontend with HTML, CSS, and JavaScript, adopting responsive web design.
- Subscriber and product information is extracted and stored from the database through SQL operations.

LANGUAGE

Front-end

- JavaScripts
- CSS
- HTML

Back-end

- Python
- C++
- Java
- C#

Other

- SQL

CERTIFICATIONS

TOEIC

Score : 855