Titiphon Phunmongkon

Bangkok, Thailand | Titiphon.x@gmail.com | 094-547-8484 | linkedin.com/in/Titiphon | github.com/EXer07

I'm a fourth-year Computer Engineering student at King Mongkut's University of Technology Thonburi, focused on a career as a Data Scientist and AI Engineer. I'm particularly interested in Generative AI and its applications. With a solid background in Deep Learning and Feature Extraction, I aim to leverage my skills to solve complex problems and drive advancements in AI technology

EDUCATION

King Mongkut's University of Technology Thonburi

Bachelor in Computer Engineering (International Program)   *Aug. 2021 - Present*

- **GPA** : 3.08 (7 Semesters)
- **Relevant Course** : Data Models, Big Data Engineering, Business Intelligence, Text Analytics, Artificial Intelligence, MLops, Data Mining

WORK EXPERIENCE

[IRPC Public Company Limited] - Internship in Data Science   *May. 2024 - Aug. 2024*

- Developed an oil color classification using SVM and KNN for industrial applications. Gained additional skills in data preparation, model development, and data augmentation.
- Developed an object-tracking system using a Jetson Nano Kit to verify product bag labels on a conveyor belt. Enhanced skills in Computer Vision and Linux-based development.

ACADEMIC PROJECTS

[Thesis] - Thai Fake News Detection with LLM integration

- Developed a web app for fake news detection using deep learning, integrating LLMs to provide concise explanations for classifications. This project is being developed entirely from scratch, starting with data preparation and independently training the model.

[Personal Project] - Sentiment Analysis of IMDB Reviews Using a SimpleRNN Model

- This project develops a sentiment analysis system using IMDB movie reviews. A labeled dataset trains a SimpleRNN model to classify sentiments as Positive or Negative, along with probability scores for confidence. The trained model is deployed as a Streamlit web application.

[Personal Project] - Fine Tuning T5 For Text Summarization

- Developed a text summarization by fine-tuning the T5 model to generate concise and accurate summaries from input text. The model was deployed using Streamlit to create an interactive and user-friendly web application, enabling real-time summarization and showcasing practical AI applications.

TECHNOLOGIES

- **Programming Languages & Tools:** Python, R, SQL, HTML, CSS, PHP, Google Colab, Paperspace, Docker
- **Data Visualization & Analysis:** PowerBI, Tableau, Excel, Pandas
- **Machine Learning & AI:** Tensorflow, Keras, Scikit-learn, Transformers, Yolo, OCR, OpenthaiGPT, Ollama
- **Web Development:** Firebase, Flet, Streamlit, MySQL
- **Languages:** Thai (Native), English (Fair)

CERTIFICATIONS & ACTIVITIES

- Certification of Azure AI Fundamentals (AI-900)
- Data Science Bootcamp #9 2023 (DataRockie)
- Certification of SQL for Data Science (Online course - University of California , Davis)