KHUANSAWAN THONGPRASEART

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SUMMARY

Passionate and motivated Data Scientist seeking an opportunity to apply my skills in data analysis, artificial intelligence, and machine learning. As a recent graduate, I possess a strong passion for teamwork and collaboration, with the ability to present complex data-driven insights effectively. Eager to contribute to innovative solutions, continuously learn, and grow within a dynamic team environment.

EDUCATION

Bachelor of Science (Statistics and Data Science)   **2021 - 2025**

Khon kaen University │ GPAX : 3.48
- Major in Statistical Information and Data Science.
- Relevant Courses : Statistical Analysis, Principle of Marketing, Database System and Design, Data Preparation and Data Mining, Data Warehouse and Big data Analytics.

SKILLS

PROGRAMMING LANGUAGES

- Python
- SQL
- HTML
- CSS

SKILLS

- Data Analysis
- Data Visualization
- Dashboard
- Machine Learning
- LLM
- Computer Vision

PROJECT EXPERIENCE

- **Database System and Design Project** - Designed and developed a comprehensive DVD rental store database system to manage customer rentals and store operations.
- **Basic Programming and Data Visualization Project** - Analyzing and Visualizing Data from the 2023 Thailand General Election.
- **Big Data Analytics Project** - Analyzed the MovieLens 1M dataset to uncover patterns and trends in user preferences and movie popularity.
- **Data Preprocessing and Mining** - Analyzed media usage behavior data (from Thai PBS), applying preprocessing. Used Association Rules and Decision Trees to study news consumption and Facebook usage, developing insights for news scheduling optimization.
- **Deep Learning and LLM project** - Used Shapley values to explain model predictions and applied RAG with Gemini API to summarize retrieved information.

ACTIVITIES & AWARDS

- **Mini Research to Marketing Competition 2022** - Received Honorable Mention and Popular Vote Award.
- **Recreation Team & Cheerleading Squad at Khon Kaen University** -Organized recreational activities and performed with the cheerleading squad to support campus events and engage students.
- **Academic Advisor at Khon Kaen University Science Tour Camp (34th & 35th)** - Served as academic advisor for science camps, supporting learning and exploration in STEM.
- **Research Publication and Conference Presentation in ITC-CSC2024** - Presented "OPG-SHAP" in Okinawa, Japan, published in IEEE Xplore as part of the official proceedings.
- **NSC2024** - Qualified for project presentation in Northeast rounds and awarded funding support.
- **I-NEW GEN AWARD2025** - Presented AI project and received the Gold Medal for Healthcare Innovation.