Nutthajet Foythong

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SUMMARY

A first-year Computer Engineering student passionate about programming, AI/ML, Data Science, Data Engineering, and FinTech. I have a strong foundation in Python and C++, with hands-on experience in building AI/ML models, RAG chatbot, and IoT solutions through various projects, hackathons and internship.

KEY SKILLS

Programming: Python, C++
Languages: Thai, English (TOEFL-ITP 543)
Tools and Technologies: Pandas, OpenCV, Google Colab, Docker, n8n, Figma
AI & Frameworks: Scikit-Learn, TensorFlow

EXPERIENCE & ACHIEVEMENT

Regional Honorable Mention – Super AI Innovator 2025 **2025**
Organizer: Super AI Engineer Season 5
- Built an automated LINE OA (chatbot) for news summarization, Q&A and real-time news alerts using LLM-Deepseek, RAG, n8n, and Qdrant.

Finalist (9th Place) – I-Squared Hackathon 2025 **2025**
Organizer: Chula Engineering
- Developed image classification and object detection models for liver tumors using OpenCV and YOLOv8.

Participated – AiHack 2025 **2025**
Organizer: AIRA & AIFUL Company and Chulalongkorn University
- Developed machine learning models to predict customer loan default risk, leveraging both classical algorithms and tree-based ensemble methods.

Winner – Modchomphu Hackathon 2025 **2025**
Organizer: Chula & KMUTT Engineering
- Heat Stress Alert - AI-powered livestock monitoring application using real-time THI from IoT sensors and meteorological data (Idea Competition)

3rd Place – Digital Innovation Track, CP Cup 2025 **2025**
Organizer: Charoen Pokphand Group Co., Ltd
- CP Retail Store Inter-branch Transfer DSS - a dashboard platform recommending optimal product transfers based on sales data (Idea Competition)

Research Internship Student at NECTEC, NSTDA **2024**
- Conducted an independent research project from formulating the topic to publishing the final paper as a student researcher at the Language and Semantic Technology Lab (LST).

High school Computer Project, Mahidol Wittayanusorn School **2024**
Project name: Development of an Automated Delivery Robot Using Image Processing and Deep Learning
- Built an object-detection model to identify footpath for robotic navigation and obstacle detection.

Participated in the Robotics, AI, and Coding Camp (Talent RAC 2023) **2023**
- Received training in core data science processes, including data preparation, modeling, and evaluation.

POSN Mathematics **2021**
- Camp 1, Silpakorn University

PAPER PUBLISHED

- Optimizing Isarn-Thai SMT: Word-Based Alignment Adjustment through Linguistic Knowledge and Semantic Similarity **2024**
- PharmaDetect: Drug Identification and Guidance through Visual Recognition **2024**

EDUCATION

Chulalongkorn University **2025 - Present**
Computer Engineering and Digital Technology, Faculty of Engineering

Mahidol Wittayanusorn School **2022 - 2025**
GPAX: 3.90