Nakarin Phoorahong

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Brief

I am a fourth-year ICT student in the Database and Intelligence System Track at Mahidol University who is interested in Data Analytics, Data Engineering, Quantum Computing, AI, AI Alignment problem, Federated Learning, Active Learning, LLMs, Value Investing, and Quantitative Finance.

Education

Mahidol University, B.Sc. in Information and Communication and Technology   May 2022 – May 2026
- GPA: 3.1/4.0 (Transcript in G-Drive)
- **Coursework:** Database Design, Data Warehousing and Mining, Digital Image Processing, Computer Security, Parallel and Distributed Systems.

Experience

TH DC Google Hackathon, Google Data Center Hackathon   31 Oct 2025
- A hackathon related to data centers. The tasks included assembling CPU racks and completing Linux command-based CTF challenges as a team. My team won the competition.

Thailand - Quant Finance Explorer Program – Q4 2025, WorldQuant Brain   25 Sep 2025 - 21 Nov 2025
- It's an ongoing hackathon as an Alpha Seeker, finding factors that contribute to the highest return with the lowest turnover that meet with the criteria from the WorldQuant models.

KH Investment Analyst Training, KH and CMDF   Sep 2025 - Oct 2025
- This training helped me learn more about finance and how analysts look at the data to see and catch the emerging patterns.
- This training also included an Equity Research challenge on a company called Medeze, I did researched and presented on the risk factors of the company.

SCB10X Financial Analysis Hackathon   23 - 25 June 2025
- This hackathon, I utilized LangChain and LangGraph to develop Agentic AI for Financial Analysis.
- **Tools Used:** Python, Groq inference API, Typhoon API, LangChain, LangGraph, TA-lib.
- **GitHub:** GitHub

Project

Improving Life by MCP and AI   Currently
- This project is aimed to maximizing quality of life by using AI and MCP to handle routine tasks and tasks that humans find tedious, such as reorganizing files and folders in the file system to meet certain criteria, rewriting phrases in Notion, and many more.
- **Tools Used:** Cursor, Claude, ChatGPT, Rube

ALLCARE   Aug 2025 - Present
- This is a senior project that my friends and I aim to help ease the workload and improve the diagnosis process for doctors in other provinces and rural areas by developing an application that utilizes machine learning to diagnose skin cancer lesions. The results will be collected to improve the model by using Active Learning models to efficiently improve the labeled image pools.
- **Tools Used:** Go, Flutter, MS SQL Server, Draw.io, Figma, ChatGPT
- **GitHub:** SeniorProjectAl

Data Analysis Project   August 2025 - October 2025

- As a group project, we selected the Movie Theatre industry pre-covid era dataset from Kaggle to be analyzed. My responsibility was cleaning data then sending them to the team members who handle PowerBI. I manually and with AI help both collected some more data and cleaned data to meet the business needs.
- **Tools Used:** Alteryx, Internet, ChatGPT
- **GitHub:** DataAnalysisPJ

Data Warehouse Project   January 2025 - March 2025

- As a group project, we built a data warehouse for business in the hotel industry, and I create ETL process to load data and transform into the data warehouse.
- **Tools Used:** Tableau Prep and Desktop.
- **GitHub:** DataWarehousePJ

Database Design Project   January 2025 - April 2025

- As a group, we designed a database for airline business, and simulate real operations (retrieval and update sql) of airline.
- **Tools Used:** MS SQL Server, Azure Data Studio, Draw.io
- **GitHub:** DatabaseDesignPJ

Mobile Project   April 2025

- Built a simple medical mobile application for patient using Flutter language.
- **Tools Used:** Flutter, Internet, ChatGPT
- **GitHub:** MobilePJ

Email Signature   March 2025

- Built a Terminal-based email sender and receiver with signature protocol implemented.
- **Tools Used:** Python, Internet, ChatGPT
- **GitHub:** EmailSignaturePJ

Skills

Programming Languages: Python, C, Java, SQL, HTML, Dart, BQL, Bash, CQL, SSH

Technologies: Docker, GitHub, CodeX, Cursor, IntelliJ IDEA, MacOS, Windows, Alteryx, Tableau (both Prep and Desktop), Microsoft SQL Server, MySQL Workbench, VMware Fusion, Terminal(Bash), LangChain, LangGraph, TradingView, Bloomberg Terminal, Figma.

Languages: English (TOEIC 960-> Listening: 490, Reading: 470), Thai (Native)

Certification

Certification: DataCamp Introduction To and Intermediate Python, Bloomberg Spreadsheet Analysis, Bloomberg Market Concept, Introduction to MCP by Anthropic