

SUPHARAT SUKPONG

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SUMMARY

I am a fourth-year AI Engineering student who enjoys applying ML and NLP to build practical, real-world solutions. Through my internships and various projects, I have found that I truly enjoy the process of experimenting and constantly picking up new skills. Currently, I am focused on deepening my knowledge across several AI domains while actively seeking out hackathons to exchange ideas and stay up-to-date with the latest techniques.

EDUCATION

Bangkok University 2022 – Present

Bachelor of Engineering in Artificial Intelligence Engineering and Data Science · GPA: 3.92 / 4.00

- Relevant coursework: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Data Engineering, Relational Databases, Cybersecurity Fundamentals

General Educational Development (GED) 2021 – 2022

International standardized credential; completed during gap year alongside self-directed study in programming and mathematics

Benchamarachuthit Chanthaburi School 2019 – 2021

Mathematics, Science, and English Excellent Program (MSEP)

EXPERIENCE

Mango Consultant Co., Ltd. Jan 2026 – Present

R&D Part-time – AI Development & Business Development · Hybrid, 4 days/week alongside full-time studies

- Prototype and iterate AI-driven product features within the company's ERP ecosystem, exploring workflow automation and user-experience improvements
- Conduct competitive landscape analysis to identify emerging technology trends and inform the product roadmap for next-generation ERP solutions

Mango Consultant Co., Ltd. Jun – Nov 2025

R&D Intern - AI in ERP (Co-operative Education, 6 months)

- Built proof-of-concept AI modules exploring automation and predictive analytics for enterprise workflows
- Designed a Multi-Agent System architecture to coordinate specialized AI agents for recommendation and workflow automation within the ERP platform
- Created an OCR pipeline to digitize receipts and financial documents, with automated parsing and validation prior to ERP data ingestion

AI Hackathon: Elephant Identification 2025 - Technical Staff 2025

Provided infrastructure and technical guidance to teams building computer vision models

Bangkok University - Speaker, BU Open House 2024

Data Visualization and Data Analytics with Tableau · Workshop for prospective students and industry guests

Bangkok University - Teaching Assistant, Data Visualization with Tableau 2023

Supported students in dashboard design and data storytelling; developed facilitation and communication skills

SELECTED PROJECTS

Multi-Agent System for ERP Automation Designed a Multi-Agent System to coordinate specialized AI agents for intelligent recommendation and workflow automation within an enterprise ERP platform

LearnRaiDee - RAG-based Elective Course Recommendation Chatbot Developed a conversational chatbot using Retrieval-Augmented Generation (RAG) to recommend elective courses based on students' interests through natural language input

Intelligent Receipt OCR System Built an end-to-end OCR pipeline to digitize receipts and financial documents, with automated parsing and validation for ERP data ingestion and analytics

Viral Marketing Strategy Optimization via Unsupervised Learning Applied clustering algorithms on social-network data, drawing on the Six Degrees of Separation theory and Similarity-Attraction Hypothesis to identify high-potential seed nodes for organic information diffusion

KUKA "Guess Who" - Human-Robot Interaction Engineered an interactive game integrating a KUKA industrial robot arm with a real-time AI classifier, enabling the robot to identify cartoon characters and engage with audiences at BU Open House

Thai Gold Price Forecasting Explored ARIMA and LSTM approaches on historical price data and market indicators to model domestic gold price behavior as a learning exercise in time-series analysis

SKILLS & INTERESTS

Programming: Python (primary), SQL, HTML & CSS

AI / ML: Machine Learning, Deep Learning, Computer Vision, NLP — applied through coursework and internship projects

Data & Visualization: Tableau, Streamlit, SPSS

Engineering & Tooling: FastAPI, Docker, Google Cloud Platform, Firebase, Git, DBeaver

Currently exploring: LLM fine-tuning, agent orchestration frameworks, Azure AI services

COMPETITIONS, TRAINING & ACTIVITIES

Competitions & Hackathons

Super AI Engineer Season 6 — Interviewing for Level 2 2026 – Present

- Completed Level 1 coursework and hackathon; currently interviewing for the Level 2 bootcamp

Microsoft x AIAT — Phase 3 Bootcamp Participant 2026 – Present

- Progressed through Phase 1 (coursework) and Phase 2 (mini-hackathon); currently participating in the Phase 3 bootcamp

Gosoft Retail Tech Hackathon 2026

- Proposed an AI-powered system for near-expiry product management in retail environments

PAN-SEA AI Developer Challenge 2025

- Designed a voice-based AI mock interview system that adapts questions from the candidate's resume and applies structured interviewing techniques

PSAT Health Hack — Healthcare AI & Innovation Hackathon 2024 & 2025

- Rx4 — AI-driven system helping pharmacists manage medication risks with real-time inventory integration (2024)
- LooPP (Smart Toilet) — Preventive health monitoring system that analyses waste data to support continuous health feedback loops (2025)

TESA Top Gun Rally — National Embedded System Design Championship 2024 & 2025

- Competed in the topic: Acoustic and AI-Based Predictive Maintenance with Edge Computing (2024)
- Competed in the topic: Defense Innovations (2025)

NSC — National Software Contest 2025

- MijCall — Real-time phone conversation classifier designed to detect patterns indicative of scam or fraud calls

AI Thailand Benchmark 2025

- Fine-tuned 3 models on meeting-related tasks

Training & Skill-Development Programs

Chaiyo Google Cloud Platform (GCP) — Seasons 4, 5 & 6 2024 – 2026

References available upon request