Last updated in Dec 2025

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Education

Chulalongkorn University, B.Eng. in Electrical Engineering – Bangkok, Thailand Aug 2022 – May 2026

- GPAX: 3.44 (Second-class honours)
- Coursework: Data Science, Data Engineering, Estimation, Statistical Learning, Optimization
- Capstone: Generative Video-Based Sky Image Forecasting For Thai Sky Images

Skills

Languages: Python, SQL, Bash

ML / Data: PyTorch, Pandas, Scikit-learn, Spark, Airflow

Tools: NumPy, Docker, Git, OpenCV, Grafana, Gradio, FastAPI, Supabase

Experience

AI Engineer Intern, Hobbit Technologies – Bangkok, Thailand June 2025 – Aug 2025

- Built an internal computer vision annotation platform, reducing data labeling cost around 20k Baht and tailored-made for internal YOLO model iteration for automation prototypes (Python, OpenCV, YOLO, Docker)
- Implemented logging and monitoring pipelines, with daily system report and improving system reliability and observability in ML workflows (Python, Grafana, Docker)

Electrical Engineering Intern, AGC Flat Glass – Bangkok, Thailand June 2024 – Aug 2024

- Analyzed production data and translated insights into PLC control logic to improve operational efficiency ∼10%.

Projects

On-Demand Delivery Data Platform & Decision Intelligence System

- Built an end-to-end data science system for delivery delay prediction, covering ingestion, feature engineering, time-aware model training, and monitoring (Python, SQL, dbt, Airflow, PostgreSQL, Docker).
- Trained interpretable classification models with proper time-series validation; identified key delay drivers and translated insights into operational levers for ETA accuracy and SLA improvement.

End-To-End Football Player Value Forecasting & Similarity Recommendation System

- Developed dual ML pipelines, time-series regression to forecast player market values and unsupervised clustering to group players by performance style and role similarity.
- Engineered features from scraped performance and transfer data; evaluated models using Log1p RMSE and Silhouette Score to balance predictive accuracy, interpretability, and business risk.