

Ekkarat Techanawakarnkul

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OBJECTIVE

A passionate and eager Data Science & AI student currently in my second semester, seeking an internship to gain hands-on experience in data analysis, machine learning, and AI. Excited to apply my coursework and programming skills to real-world projects while learning from industry professionals.

SKILLS

- Programming: Python (Pandas, NumPy, Scikit-learn), SQL
 - Data Analysis: Statistical Analysis, Data Cleaning
 - Tools: Jupyter Notebook, Power BI, Excel, Git
 - Machine Learning: Regression, Classification, Clustering
 - Soft Skills: Problem-Solving, Team Collaboration, Communication
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EDUCATION

ASIAN INSTITUTE OF TECHNOLOGY

Aug 2024 - Present

Master Degree, Majors: Data Science & AI

- **Machine Learning Project: CO₂ Emission Prediction for Power Generation**

- Developed a machine learning model to predict CO₂ emissions from various types of power plants, helping policymakers optimize the energy mix for a sustainable, zero-carbon future.

- **Computer Programing Project: Customer Segmentation**

- Implemented customer segmentation by applying K-means clustering on RFM (Recency, Frequency, Monetary) scores to identify high-value customers and enhance targeted marketing strategies.

CHIANG MAI UNIVERSITY

Aug 2017 - Mar 2021

Bachelor Degree, Majors: Electrical Engineering GPA 3.55 (HONOR)

- Project: Battery Management System for Electric Vehicle
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WORK EXPERIENCE

Power plant | GULF Energy

Sep 2021 - June 2023

Electrical Engineer

- Managed and maintained electrical equipment for power systems and transmission lines, ensuring stable operations for industrial users.
 - Led transmission line construction projects (overhead & underground), improving network reliability.
 - Diagnosed and resolved machinery and electrical system issues in both routine and emergency situations to ensure continuous operations.
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