Sanhanat Prommajan

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I'm a recent computer engineering graduate (2024). I'm passionate about mathematics and programming. I'm open-minded and eager to learn, ready to apply my skills in technology to contribute to your team and organization.

EDUCATION

King Mongkut's University of Technology Thonburi, Bangkok (KMUTT)

Bachelor of Engineering in Computer Engineering - GPAX: 3.38   July 2020 - July 2024

ACADEME PROJECTS

Database Systems • B.Eng. Semester 2/2021

Project topic: Student Registration

- Collaborated with team members to develop a student registration website for students and teachers.
- Utilized knowledge of HTML, CSS, JavaScript, PHP, and MySQL to create a user-friendly website.
- Responsible for designing the database using MySQL, designing UI pages using Figma, problem-solving in our project, and report preparation.

Data Models • B.Eng. Semester 2/2021

Project topic: DataAnalysis US Accidents

- Collaborated with team members to analyze and visualize accident probability in the USA using RStudio tools and USA accident datasets.
- Responsible for data preparation, data transformation, data visualization, and report preparation.

Software Engineering • B.Eng. Semester 1/2022

Project topic: ColorCatalog

- Collaborated with team members to create a mobile application for the visually impaired using Flutter.
- Responsible for designing UI pages using Figma, problem-solving in projects, and report preparation.
- Practiced the software development process (Scrum).

Coding in Artificial Intelligence • B.Eng. Semester 1/2023

Mini-Project topic: Fine-tuning OpenAI API model for specific task

- Collaborated with a team member to research and experiment with fine-tuning OpenAI API models.
- Responsible for collecting and preparing data for fine-tuning and web scraping (selenium) to create datasets.

Computer Engineering Project • B.Eng. Semester 1/2023 - 2/2023

Senior Project topic: AI-Web Application for Travel Place Recommendations

- Create a web application with React that supports an AI chatbot for Q&A about tourist attractions in Thailand.
- Utilized knowledge of NLP in creating an AI chatbot system that uses NER and text classification.
- Responsible for web scraping to create datasets, data preprocessing, creating an AI chatbot system, writing a frontend web application that supports AI Chatbot, problem-solving in our project, and report preparation.

WORK EXPERIENCE

SKY ICT PUBLIC COMPANY LIMITED / NEBULA TECH UNIT

Intern - Artificial Intelligence & Data Analytics platform(2 months)   June 2023 - July 2023

- Data Visualization: Security and Management Information.
- Dataset management and data preprocessing. The data originates from the Data Lake.
- Utilize knowledge of Python for converting PDFs to Excel formats and performing vehicle detection using the YOLOv8 model.

SKILLS & INTEREST

Programming: Python, SQL, R, HTML, CSS, JavaScript, React, C
Software: Microsoft Office(Excel, Word, PowerPoint), Google(Docs, Sheets), Visual Studio Code
Design: Figma, Canva, Notion, Power BI(Basic)
Interest: Coding, Analysis, Machine Learning, Deep Learning, Data Science, Business
Language: Thai(Native), English(Beginner)