THANATHON SATTHAYAPHAN

AI & Data Scientist

ABOUT ME

I am currently studying in Artificial Intelligence and Data Science. Able to work in a team with others, easy to get along with others. I have a background in machine learning, neural networks, data analysis and data mining. Experience working on the above, integrating machine learning with the robotic arm, Kuka, making machine learning to predict bitcoins, analyzing various data to find relationships in data sets and developing them for business, integrating the API connection of AI Genrative Model with various programs and other projects in terms of designing User Interfaces such as Fontend. Personal habits like learning and self-development. I often listen to podcasts and study history.

EDUCATION

BANGKOK UNIVERSITY   2022- PRESENT
Engineering Artificial Intelligence and Data Science   Bachelor Degree

EXPERIENCE

KUKA PROJECT GUESS WHO BY AI ROBOT   AUGUST 2024

- BU OpenHouse2024 About Machine Learning and Object detection process with KUKA Robotic Arm.

The project featured a KUKA robotic arm playing a cartoon character guessing game, utilizing an LLM-based Text Classifier for name predictions and a real-time image detection model for precise piece selection. I do the part of collecting and training data, speech-to-text program, Object detection, Node-RED to control the robotic arm.

AMITY HACKATON 2023   MARCH 2023

- Participate in Amity Hackathon 2023 and advance to the final stage.

Topic ChatGPT and Beyond, My team developed the Treenity Community application to work with Chatbot (GPT-3 + DALL-E 2.9) and Real-time Visualization to Educate & spread awareness space.

I do part of Design applications with Figma and Frontend part and assisted in connecting APIs

PROGRAMMING

- **Language**
  (Python, HTML & CSS, JavaScript, Ruby, SQL)

- **Tools and Platforms**
  (Docker, Google Cloud Platform, GitHub)

- **Data Visualization, Database Management**
  (Tableau, Looker, Python libraries, PostgreSQL)

- **Security**
  Palo Alto Network (Cloud Security, Cybersecurity)

SKILLS

- **Critical Thinking** • **Problem solving** • **Growth Mindset**
- **Technical Skills**

Python (pandas, Matplotlib, Scikit-learn, OpenCV, TensorFlow, CustomTkinter)
Machine Learning Algorithms, Data Mining, Data Analytics
Computer Vision (Image Classification, Object Detection)

Portfolio

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