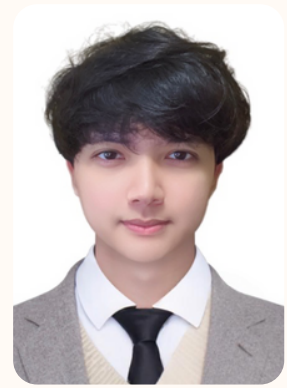# THANATHON SATTHAYAPHAN

Data Scientist

## ABOUT ME

I am pursuing a major in Artificial Intelligence Engineering and Data Science. I excel at socializing, understanding people, and working collaboratively in a team environment. With a strong passion for continuous learning and self-improvement, I possess a solid understanding of machine learning, data analytics, and data mining. I find joy in developing programs that streamline my work and make tasks more enjoyable. With a basic knowledge of computers, I am enthusiastic about designing innovative solutions that combine AI and programming to create automation.

## EDUCATION

**BANGKOK UNIVERSITY**                                          **2022- PRESENT**

- Engineering Artificial Intelligence and Data Science           Bachelor Degree

## EXPERIENCE

### 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

### 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.

## 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)

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