# KITTIPOOM SUTTILERT

**Address** Sukhaphiban 5 Soi 82, Watcharaphon Rd., Bangkok
**Phone:** 084-070-4342
**Email:** kittipoomsuttilert@gmail.com
**Line ID:** zaweddd

## SUMMARY

My name is Kittipoom Suttilert.I am currently a 1st-year Computer Engineering student at the Faculty of Engineering, Kasetsart University, with GPA of 3.83.I am interest in AI and Web Development. Although I have recently started my journey in this field, I am highly motivated to continuously learn and improve my skills. I am seeking a practical work opportunity to gain experience and am ready to grow alongside your team.

## PROJECT

### Memo Bot - Alzheimer's Care Assistant Robot
Developed as a qualified project for the MIT x Bangkok Bank Robotic AI Competition.

- Achievement: Selected as a Top 12 Finalist and invited to exhibit the prototype at the final round booth.
- MEMO-BOT is an intelligent robot "Guardian" designed to assist the elderly living alone. It combines active AI surveillance with natural Thai interaction to ensure safety (Fall Detection), health (Medicine Reminder), and companionship (Face Recognition).
- AI Development: Developed real-time computer vision models using YOLOv8 and DeepFace for:
  - Fall Detection: Detecting accidents and instantly sending LINE alerts with snapshots to caregivers.
  - Medication Verification: Detecting medicine bottles to ensure compliance.
  - Face Recognition: Identifying family members for personalized interactions.
- Tech Stack: Python, YOLOv8, DeepFace, OpenCV, Aiohttp, WebSockets, JavaScript, HTML5/CSS3, LINE Messaging API, NVIDIA CUDA.
- https://github.com/zawedut/memono1

### MyBuddy - Mental Health Support Platform
Created for KU Innovation 5 in collaboration with the Bangkok Metropolitan Administration

- Developed a full-stack mental health application integrating a mood tracking website with a proactive AI chatbot via LINE Messaging API.
- Proactive AI Support: Engineered a system where low mood scores trigger an automated, personalized comforting message sent to the user's LINE app using Google Gemma 3 (27B).
- Seamless Authentication: Implemented LINE LIFF for one-click login, linking web sessions with LINE user IDs.
- Data Visualization: Built a secure Admin Dashboard using Recharts to analyze user mood trends and engagement statistics.
- Tech Stack: Next.js (App Router), TypeScript, Prisma, PostgreSQL (Supabase), Tailwind CSS, Google Generative AI SDK, LINE Messaging API.
- https://github.com/zawedut/MindBuddy

## EDUCATION

**Kasetsart University | Bangkok**                                                          **GPA : 3.83**
Thailand Bachelor of Engineering in Computer Engineering

## ADDITIONAL INFORMATION

- Programming Languages: Python, C, JavaScript, SQL, HTML5/CSS3.
- Web Development: Next.js, Vue.js, React, Node.js, Flask, RESTful APIs, WordPress,WebSockets.
- AI & Data Science: YOLO, MediaPipe, DeepFace, OpenCV, TensorFlow, Keras, Pandas, NumPy.
- Tools & Platforms: Git/GitHub, Docker, LINE Messaging API, Linux , VS Code.