



CONTACT ME

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📍 Chiang Mai, Thailand

🌐 <https://github.com/AnitaMaxWynn901>

TECHNICAL SKILLS

- Programming : C#(Basic), Java, Python
- Web Development : HTML, CSS, JavaScript, Node.js, Express
- Mobile Development : Flutter
- AI / ML : YOLO, OpenCV, Mediapipe
- Database : MySQL, Supabase
- Software Tools : VSCode, Jupyter Notebook, Git, MongoDB
- APIs : REST APIs, LINE Messaging API, LINE LIFF

SOFT SKILLS

- Teamwork
- Time Management
- Quick Learner
- Adaptability

SAI HAE NAING LAY

Computer Engineer

ABOUT ME

I'm Sai Hae Naing Lay, a Computer Engineering student based in Thailand. I enjoy learning and building practical systems through hands-on projects. My main interests are AI/ML and computer vision, and I'm currently learning web and app development to create simple, usable interfaces for my work. I like turning real-world data into useful tools by building clean pipelines, clear UI, and solutions that can be tested in practice.

EDUCATION

Mae Fah Luang University

Aug 2022 - Present

- Bachelor of Engineering in Computer Engineering

Expected Graduation : February 2027

Current Status : Final Year (Internship)

EXPERIENCE

Internship Trainee

CAS Cogniser (Thailand)

Jan-Apr 2026

Chiang Mai , Thailand

- Projects :
 - LINE Bot Sushi Cafe System (Node.js, Express, LINE LIFF, Supabase)
 - Developed full-stack ordering system with LINE Messaging API integration
 - Implemented role-based dashboards (customer/ shop_master/ admin) with authentication
 - Built order management system with real-time updates and points rewards

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SOFT SKILLS

- Teamwork
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- Quick Learner
- Adaptability

LANGUAGES

- Burmese (Native)
- English (Fluent)
- Thai (Basic)

EXPERIENCE

Internship Trainee

CAS Cogniser (Thailand)

Jun-Jul 2025

Chiang Mai, Thailand

• Projects :

- Voice-Activated Digital Signage Control System (Python, Flask)
 - Built voice-controlled ad display with real-time play/stop/switch functionality
 - Implemented continuous listening with auto-demo fallback
 - Created dynamic ad category mapping with automatic video file detection
- Smart Retail Analytics System (YOLO, OpenCV, Face Recognition, Numpy)
 - Developed comprehensive retail analytics system combining people counting, face recognition and heat-map generation
 - Implemented real-time people counting with entry/exit tracking in defined zones.
 - Integrated face detection and recognition to match customer IDs with database, displaying "matched" or "no data" on dashboard
 - Built live dashboard with video stream, occupancy metrics, entry/exit logs, and movement heat-map overlays
 - Generated heat-maps for crowd flow analysis and high-traffic area identification

PROJECTS

• Behavior Recognition For Estrus Monitoring in Cattle

Senior Final Project • Computer Vision, YOLOv8/v11, Python, Roboflow

- Developed a computer vision system to classify cow behaviors (standing, lying, grazing, mounting) from video data to support automated estrus detection
- Built an end-to-end pipeline including dataset construction, Roboflow annotation, YOLO training, and evaluation on real farm CCTV footage

• Human Action Recognition System

Team Project • Image Processing, Python, Mediapipe

- Human action recognition system using classical image processing techniques. (Image Enhancement, Segmentation & Edge detection, Geometric Transformations and Interpolation)
- Includes preprocessing, segmentation, feature extraction, and classification with a Python-based workflow