


# Pawit Weerakoop

Chonburi, Thailand

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 <https://pawit5001.github.io>

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## SKILLS

**Programming Languages:** Python, JavaScript, HTML, CSS, SQL, Lua, C

**Frameworks & Libraries:** React, FastAPI, Bootstrap, Tailwind CSS

**ML/AI:** TensorFlow, Keras, OpenCV

**Database:** MySQL, MongoDB

**Tools:** Git, GitHub, VS Code, Jupyter Notebook, Figma

**Language:** Thai (Native), English (Intermediate)

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## EDUCATION

**Rajamangala University of Technology Tawan-ok**

Bachelor of Science (B.Sc.) in Computer Science | GPA: 3.76/4.00

July 2024 - Present

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## WORK EXPERIENCE

**Customer Service & Documentation – Internship**

March 2023 - February 2024

Laemchabang Inter Trans Co., Ltd.

- Coordinated with shipping lines, agents, and customers to support import and export operations
- Managed vessel bookings and shipment schedules, handling issues such as delays, vessel omissions, and Bill of Lading (BL) corrections
- Processed and verified import/export documentation, ensuring accuracy and timely submission
- Monitored shipment status and followed up with relevant parties to ensure on-time cargo movement and documentation completion
- Implemented a Google Sheets + Google Apps Script automation system to track vessel schedules and document deadlines
- Integrated automated LINE notifications to alert critical deadlines, reducing missed BL submissions and improving operational efficiency

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## PROJECTS

**Snap Translate - Image Translation Website:** [github.com/pawit5001/SnapTranslate](https://github.com/pawit5001/SnapTranslate)

Technologies: React, FastAPI, MongoDB, YOLOv8, BLIP, Google Translate API

- Developed a web-based image translation platform combining Computer Vision and AI models
- Implemented YOLOv8 for optimized object detection to accurately locate and classify multiple objects within images
- Integrated BLIP (Bootstrapped Language-Image Pretraining) for image captioning to generate contextual descriptions prior to translation
- Built text-to-image generation using Stable Diffusion XL for prompt-based image synthesis
- Implemented real-time Discord logging system to monitor and track image translation results during runtime

**Gender & Age Prediction:** [github.com/pawit5001/gender-age-prediction](https://github.com/pawit5001/gender-age-prediction)

Technologies: Python, TensorFlow, Keras, OpenCV, scikit-learn, Gradio, EfficientNetB0

- Developed and optimized a gender classification and age estimation system using deep learning
- Implemented EfficientNetB0 as the backbone model with TensorFlow/Keras for high accuracy and efficiency
- Utilized OpenCV for image preprocessing, including face detection, resizing, and normalization
- Supported both real-time single-image inference and batch processing for multiple images
- Trained the model on public face datasets with extensive data augmentation to improve robustness and generalization

**Sport Equipment Booking:** [github.com/pawit5001/Sport-equipment-booking](https://github.com/pawit5001/Sport-equipment-booking)

Technologies: PHP, MySQL, Bootstrap 5 | Server: Apache (XAMPP)

- Developed a web-based sport equipment booking and borrowing system
- Implemented user authentication with role-based access (student and admin)
- Enabled users to browse equipment, add items to cart, and submit borrowing requests
- Developed admin management features for categories, equipment inventory, responsible staff, and return tracking
- Provided booking history, receipt printing, and dashboard statistics for system overview