Phasin Ploypicha

+(66)6-1819-1519   phasin.plo@gmail.com

About Me

Final-year Computer Engineering student with a strong interest in building practical, user-focused solutions. Eager to deepen my understanding of software development by working alongside experienced professionals and contributing to real-world projects. Recognized for being highly motivated, quick to learn, and adaptable in team environments, with a hands-on approach to solving technical challenges.

Education

AMBASSADOR BILINGUAL SCHOOL, CHIANG MAI, THAILAND

MAY 2015 - MARCH 2021

Graduated with high honor

MAHIDOL UNIVERSITY INTERNATIONAL COLLEGE, NAKHON PATHOM, THAILANDTHAILAND

SEPTEMBER 2021 - PRESENT

Major in Computer Engineering

Relevant Courses: Data Structures and Algorithms, Computer Architecture, Operating Systems, Software Engineering, Database Systems, Embedded Systems, Computer Networks

Experience

YOLO-BASED MOTORCYCLE HELMET DETECTION SYSTEM PROJECT

- Built real-time helmet detection system with YOLOv8 and CCTV feeds.

- Trained custom object detection model for high-accuracy helmet classification.

- Deployed model to monitor rider safety in university.

ROBOTIC CAT WITH UNCANNY VALLEY MOTION SIMULATION PROJECT

- Integrated robotic hardware and mobile app interface.

- Built behavior-based control using ultrasonic sensors for crouch/stalk reactions.

- Simulated eerie catlike behavior to invoke uncanny valley effect.

Skills and Languages

Technical Skills:
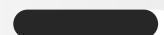
Programming: C, Java, JavaScript, Python, SQL, HTML/CSS,

Tools/Frameworks: YOLO

Languages

ENGLISH

THAI