



VASUPHON BOONCHIRT

COMPUTER SCIENCE STUDENT

CONTACT

Phone:
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Email Address:
Act22805@gmail.com
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Address:
Charansanitwong Road , Bangkok

Github: kkaovsp

Linkedin: Vasuphon Boonchirt

SOFT SKILLS

- Leadership & Decision Making
- Teamwork
- Research & Analysis
- Communication & Public Speaking
- Persuasion & Negotiation
- Problem Solving

TECH SKILLS

- Python
- HTML, CSS, JavaScript
- Java
- C
- Data Structures
- Algorithms
- SQL, MySQL
- Figma
- Adobe Photoshop, Premiere pro
- Word, Excel, PowerPoint

LANGUAGES

- English (Fluent)
- Thai (Native)



PROFILE



Information and Communication Technology student with a strong background in problem-solving and analytical thinking. Skilled in understanding complex systems and communicating technical concepts clearly. Proven experience in completing projects or group projects efficiently and learning new systems quickly. Seeking a role in business and IT to contribute my skills and grow in a dynamic environment.



EDUCATION



Assumption College 2017 - 2022
Science-Engineer Program
GPA: 3.20



Mahidol University 2023 - Now
Bachelor's degree 2nd year in Information and Communication Technology (International program)
GPA: 2.73



PROJECTS



Database Design and Implementation to business

Designed and implemented a database system for a real-world business, focusing on requirement analysis and conceptual design. Developed an ERD with specialization hierarchies, defined attributes, constraints, and relationships, and wrote SQL scripts to create the database and implement data retrieval functions.

Technologies Used: SQL, MySQL, Algorithms



Mobile Application for solving the Problem of Seating Scarcity

Created an app model to solve seating scarcity in restaurants and cafes during peak hours, offering real-time availability, reservations, and waitlist management to improve customer experience and optimize seating.



Built a full-stack web application for reservation restaurant

Developed a full-stack web application for name "Ja Jong Tee" using HTML, CSS, JavaScript, SQL, API integration, Figma for UI/UX design, and POS integration for restaurants, enabling customers to reserve seats, pre-order meals, and make online payments, while providing restaurants with real-time booking management, customer analytics, POS order synchronization, and operational optimization tools.

Technologies Used: HTML, CSS, JavaScript, MySQL, Figma

Project Link: <https://github.com/kkaovsp/Project-Web-Dev>

NEXT ➡



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PROJECTS

Real-Time Facial Emotion Detection + Operating Systems Techniques to optimization

Developed and optimized a real-time facial emotion Detection system using YOLOv8, integrating OS-level performance monitoring (CPU, GPU, RAM, FPS) across multiple platforms (macOS, Google Colab, Windows) to evaluate and enhance AI inference efficiency for real-world applications.

Technologies Used: Python (OpenCV, Ultralytics, PyTorch, psutil, torch.cuda, Color Conversion), YOLOv8, Roboflow,
Project Link: <https://github.com/kkaovsp/Operating-Systems-project>

Real-time people fall detection system

Developed a real-time fall detection system utilizing YOLOv8 and Roboflow, integrating computer vision and deep learning technologies to monitor human postures (Standing, Sitting, Falling) through image, video, and webcam feeds. Leveraged Python and OpenCV to implement an efficient object detection pipeline, with a focus on healthcare and safety applications for the elderly. Built with AI-driven capabilities to trigger automatic alerts upon detecting falls, aiming to improve response times and reduce injury risks.

Technologies Used: Python (OpenCV, Ultralytics), YOLOv8, Roboflow
Project Link: <https://github.com/kkaovsp/Data-science-project-year2-2>

Information Systems and Software Development for reservation restaurant

Completed a comprehensive project in Information Systems and Software Development, covering business process modeling (BPMN), system definition, requirements analysis, and design using Odoo on AWS; also developed and tested prototypes with HTML, CSS, JavaScript, SQL, and Figma, supported by detailed system diagrams and real-world reservation system implementation.

Technologies Used: SAP Signavio, ODOO, Figma
Project Link: <https://github.com/kkaovsp/Information-Systems-and-Software-Development>



ACHIEVEMENTS PARTICIPATION & HACKATHONS

Microsoft ASEAN AI for Accessibility Hackathon, contributing to the development of an AI-powered translator for sign language.

Visited the Huawei ASEAN Academy Customer Solution Innovation and Integration Experience Center to explore advanced technologies and innovative solutions in customer integration and experience design.

Assisted in organizing and setting up the AreWeCup 2024 E-sports Tournament Exhibition, contributing to event coordination and preparation.



STUDENT ID6688184
MR. VASUPHON BOONCHIRT
BIRTHDATE :September 27, 2003
NATIONALITY THAI

MAHIDOL UNIVERSITY
FACULTY INFORMATION AND COMMUNICATION TECHNOLOGY
PROGRAM INFORMATION AND COMMUNICATION TECHNOLOGY
MAJOR -

ICT ST47
GRADE REPORT
Printed on : 16-JAN-2025

2023 1ST SEMESTER

ITCS111	LINEAR ALGEBRA & CAL FOR COMP	3	C+
ITCS112	DISCRETE STRUCTURES	3	C
ITCS113	FUNDAMENTALS OF PROGRAMMING	3	C+
ITCS114	INTRO TO COMPUTER ETHICS	1	A
ITGE102	DIGITAL MINDFUL & TIME MANAGE	2	S
ITGE103	PROBLEM SOLVING TECHNIQUE	2	O
ITGE161	INTER-CULTURAL AWARENESS	2	S
ITLG111	TECHNICAL ENGLISH I	2	C
ITLG116	ENGLISH FOR TOEIC INTERMEDIATE	2	S
<i>CUM-GPA</i>	<i>2.42 20 20 SEM-GPA 2.42 20 20</i>		

2023 2ND SEMESTER

ITCS121	PROB. & STAT. FOR COMPUTING	3	B
ITCS122	NUMERICAL METHODS	3	C+
ITCS123	OBJECT ORIENTED PROGRAMMING	3	W
ITCS124	INTRO TO DIGITAL SYSTEMS	3	B
ITCS126	INTRO TO ENTREPRENEURSHIP	3	C+
ITGE145	E-Sport and Content Streaming	2	O
ITGE165	COMP. APPLICATION IN CHEMISTRY	2	S
ITLG121	READING SKILLS	2	C
<i>CUM-GPA</i>	<i>2.54 38 41 SEM-GPA 2.64 18 21</i>		

2023 3RD SEMESTER

ITCS123	OBJECT ORIENTED PROGRAMMING	3	B+
<i>CUM-GPA</i>	<i>2.64 41 44 SEM-GPA 3.50 3 3</i>		

2024 1ST SEMESTER

ITCS213	Computer Organization and Archi	3	B
ITCS214	Data Structures and Algorithm A	3	C+
ITCS215	Introduction to Interactive Mul	3	B
ITCS216	Fundamentals of Database System	3	B+
ITCS217	Computer Data Communication	3	C+
ITCS253	User Interface Design	2	A
ITGE274	Basic Accounting	2	S
ITLG211	TECHNICAL ENGLISH II	2	D+
<i>CUM-GPA</i>	<i>2.73 62 65 SEM-GPA 2.87 21 21</i>		
TOTAL CREDIT EARNED		=	62
TOTAL CREDIT REGISTERED		=	65

CERTIFIED TRUE COPY

**** DEGREE NOT YET CONFERRED ****



(Ms. Kessarin Thoithat)
ACTING REGISTRAR
Faculty of Information & Communication Technology
Mahidol University
Date.....16.../...January.../...2025.....