



ແພີນສະສົມພາດງານ

PORTFOLIO

PHODSAWEE KARNCHANAT



STATEMENT OF PURPOSE

My passion for technology began in childhood, when I enjoyed assembling toys such as building blocks and remote-controlled cars. These activities allowed me to explore mechanical functions, develop observational skills, and cultivate analytical thinking. Later, during high school, this interest deepened through online gaming, which inspired me to study computers in greater depth—focusing on both hardware specifications and self-assembly. From these experiences, I acquired systematic knowledge in both hardware and software.

In addition to self-directed learning, I gained practical experience by assisting in my family's business through digital marketing. I was responsible for planning and executing online advertising (SEM) on platforms such as Google Ads and Facebook Ads, while also using tools like Google Analytics and Google Search Console to measure performance and analyze user behavior. This experience strengthened my appreciation of structured data management and analysis. At the same time, I began studying programming languages such as HTML, CSS, and Java, which enabled me to customize websites independently. Building on this knowledge, I created a project titled "Weather Simulation", which was selected for presentation at the King Mongkut's Institute of Technology Ladkrabang Open House. This opportunity demonstrated how knowledge from both formal education and independent study can be applied to create meaningful, tangible outcomes.

Through these learning experiences, I discovered that my interests extend beyond a single field and encompass several domains of information technology, including Cybersecurity, Software Engineering, Data Science, and the Internet of Things (IoT). This realization has inspired me to pursue the Faculty of Information and Communication Technology (ICT), a program designed to integrate knowledge from multiple disciplines while balancing theory with hands-on practice.

A key motivation for choosing this program is my aspiration to apply data management to streamline hospital operations. I believe that developing efficient data management systems can enhance the efficiency of healthcare professionals, reduce errors, and improve the quality of patient care. The ICT curriculum, which emphasizes critical thinking, analytical skills, and independent project development, aligns perfectly with my academic and professional goals, and I am confident it will provide me with the foundation to create effective technological solutions in this field.

If admitted, I intend to strengthen my programming skills while applying theoretical knowledge to real-world projects, aiming to develop innovative solutions for the challenges of the digital era. Looking ahead, I plan to continue my studies at the graduate level in order to specialize in a field of expertise and to prepare myself to contribute to positive societal transformation through technology.

PROFILE

Personal



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Full Name: Phodsawi Karnchanat

Nickname: Kaow

Date of Birth: November 21, 2007

Age: 18

Nationality: Thai

Address: 98/39, Moo 1, Bang Khu Wiang

Subdistrict, Bang Kruai District,

Nonthaburi 11130, Thailand

Education: Suankularb Wittayalai School

Program of Study: Science-Mathematics

EDUCATION



Chanratwittaya School
Primary Education GPA: 3.70



Suankularb Wittayalai School
Junior High School GPA: 3.25



Suankularb Wittayalai School
Senior High School GPA: 2.45 (5 semester)

SKILLS



Excel
Macro

PROJECT

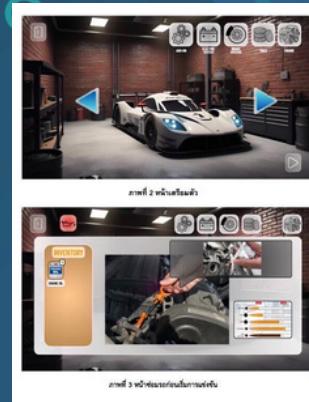
การแข่งขันพัฒนาโปรแกรมแห่งประเทศไทย

The 27th National Software Contest :NSC 2025

Application “เกมส์ซิ่งท้านรถ”



Develop the "Extreme Racing Challenge" application.
Submit your work to participate in the 27th Thailand Computer Program Development Contest (NSC 2025).



What I learned: "Think, create, change the world" with innovations for society and develop creative thinking and improve work, and do what you have thought.

SAMSUNG SOLVE FOR TOMORROW 2025

WORKSHOP: INNOVATION A FIRE TRUCK



THAILAND INNOVATIVE COMPETITION 2025



What I learned: A starting point for critical thinking and innovation skills. Software that can be used to create innovation and compete at every stage. Develop teamwork, leadership, and self-responsibility skills for success.



PROJECT

"SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT"



What I learned: I got to learn how the microbit works, including programming. I made a website that connects to mqtt, firebase for data on the system's operation that requires recording weather conditions.the basics of software engineering, understood the working process, and got hands-on experience.



ACTIVITIES

What I learned: Learned to write Python programs for physics applications" and learned about applied computer operations in "No-code AI" and tried to gain knowledge that I had never learned before.

อบรม no code ai การประยุกต์ใช้ python KMUTT



โครงการค่ายคุณธรรม
จิตอาสารักษ์โลก

What I learned: It is realized that the process of raising awareness of the problems and taking people to see real situations promotes love, understanding, and strengthens the ability to participate in caring for the world.



ACTIVITIES

FACULTY OF ICT, MAHIDOL UNIVERSITY AI VISION CAMP

What I learned: Learn the basics of Python for image processing, learn the concepts of AI and Machine Learning, experiment with building your own image classification AI model, and write real code through Google Collab.



FACULTY OF ICT, MAHIDOL UNIVERSITY “FUN FUNDAMENTALS OF PYTHON PROGRAMMING”



What I learned: Learn the basics of Python starting from 0, going deep into programs with conditions and reasons, controlling code data like a pro with Lists, Dictionaries for functions and programs again. Modules & Libraries that can be used, practiced, and used to feel like it.

ACTIVITIES

FACULTY OF ICT, MAHIDOL UNIVERSITY
MAHIDOL SHORT COURSE หัวข้อ
“กว่าจะเป็น SOFTWARE!”



What I learned: Learned the basics of software engineering, understood the working process, and got hands-on experience.



โครงการฝึกอบรมเชิงปฏิบัติการเพื่อค้นหาตัวตน
หลักสูตร การเขียนโปรแกรมชุ่นยนต์ร่วมกับ
ระบบอัตโนมัติ(DOBOT) KMUTNB



What I learned: Training in using the dobot support control command according to the object placement problem in order.

ACTIVITIES

SCHOOL ACTIVITIES



CLUB ART&TECHNICS SUANKULARB

Served as Vice President of the Assembly
for the academic years 2024 and 2025.

What I learned: I gained planning and leadership experience. Beyond leadership, I learned many other things from my work, such as coordination, communication, and systematic working. Problem-solving is crucial. We can't always predict when a problem will arise, so it's important to be prepared for it, and constantly improve yourself.

SAMARNMITR

The most important annual event of the school and is Samarnmitr. It is a welcoming event for alumni to return to the school.

The community was tasked with installing lights on the central stage, which were the same size as a real concert stage, and with back drop art work, including wall painting. The school will invite professional artists to play music at the school, who are alumni. This is another project that the community is proud to have designed and arranged lights for national-level artists, with senior artists sharing their real work experience.



In the academic year 2022

There are artists like :
No one else , Dept , Yes'sir day

In the academic year 2023
There are artists like :
Rooftop , The Richman Toy , Parkinson

ACTIVITIES

SCIENCE WEEK



In 2024, I was one of the staff and a lecturer at the school's robotics community activity base. The activity involved using **robot cars controlled by mobile phones**. Students from the school participated and learned about various tasks within the activity base.

The event allows students to showcase their scientific knowledge and abilities, with students from other schools participating later in the competition. In 2024, the community needed a section to organize the event as an official. The stage, lighting, and all lighting equipment were installed.

Assigned as a caretaker

The community was assigned to make signs on the cheering stands.

This year, there will be a theme of LED lights, using LED lights to create letters.



OSK141 Final Day

This school traditional event for Mathayom 6 students marked the final day for the 141st Mathayom 6 seniors to use the name SK 141 and attend school. For this event, the community was tasked with lighting up the long buildings in the school's colors (pink and blue) and installing the OSK 141 LED sign.



ACTIVITIES

WEBSITE INTRODUCTION

The website introduction page features three main sections:

- Projects:** Shows a grid of images related to "The 27th National Software Contest (NSC 2025)" and "THAILAND INNOVATIVE COMPETITION 2025".
- Activities:** Shows a grid of images related to "Science and Technology for Sustainable Development" and "AI Vision Camp".
- Profile:** Displays personal information for "Phodsawee Karnchanat", including education (Science-Math Program at Suankularb Wittayalai), location (Nonthaburi, Thailand), and interests (Digital Marketing via Google Ads, Analytics, Facebook/TikTok Ads, SEO, Data Engineering via Python, Data Engineering via Java, Python, and Cybersecurity).

CERTIFICATE

TRAINING CERTIFICATE

