

Thanakrit Pongtanawannagon

Motivated Data Science student at Harbour.Space@UTCC with strong skills in Python, C++, SQL, and React. Currently a Back-end Developer at Leagues of Code TH, passionate about problem-solving, machine learning, and building impactful solutions. Achieved 1st place in a CTF competition hosted by Khon Kaen University and qualified for the final round of an Engineering Quest competition at King Mongkut's University.

Skill & Proficiencies

Computer languages: C, C++, Python, SQL, React

Web Development: Back-end Development, Database Management

Problem-Solving: Competitive Programming, Algorithm Design

Experience

Back-end Developer

Leagues of Code TH

2024 – Present

- Developed and maintained back-end systems using modern frameworks and technologies.
- Collaborated with front-end developers and data scientists to deliver robust and efficient applications.
- Optimized database queries and ensured the scalability of server-side applications.

C++ Teacher

Leagues of Code TH

2024 – Present

- Taught high school students in programming languages and problem-solving techniques.
- Created lesson plans and coding challenges to enhance students' understanding of algorithms and data structures.
- Provided mentorship and guidance to students in preparing for competitive programming and academic projects.

C++ Tutor

Demonstration School of Khon Kaen University (Mo din daeng)

2022 – 2023

- Created lesson plans to enhance students' understanding of mathematics, algorithms and data structures.
 - Provided mentorship and guidance to students in preparing for academic projects.
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Achievements

- **Finalist**, ACIYLS Sustainable Hackathon Thailand round, 2024
 - Qualified for the 2nd round of Bangmod Hackathon, 2024
 - **1st Place**, CTF Competition, Khon Kaen University, 2023
 - **Finalist**, Engineering Quest (Engineering Skills), King Mongkut's University, 2023
 - Attended in a science project oral & poster presentation at Kasetsart University, 2023
 - **Top 2** project of Energy, Environment & Material in north-eastern part of thailand, 2023
 - Attended in a science project oral presentation at Phayao University, 2023
 - Attended the The Promotion of Academic Olympiad and Development of Science Education Foundation under the patronage of Her Royal Highness Princess Galyani Vadhana Krom Luang Naradhiwas Rajanagarindra (POSN) in **Informatics 2nd Camp**, 2022
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Education

Bachelor of Science in Data Science

Harbour.Space @UTCC

2024 – Present

Science Classrooms in University-Affiliated School Project (SCiUS Program)

Demonstration School of Khon Kaen University (Mo din daeng), 3.70 GPA

2021 – 2023