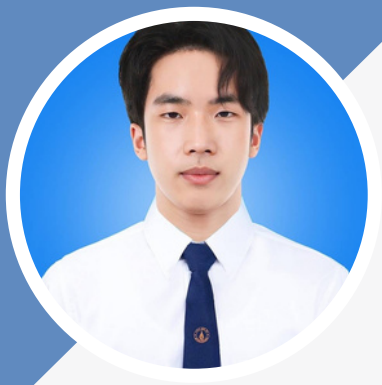




Tas Sukastid

B.Sc. Digital Science and Technology

Contact



090-309-5676



tasbcc170@gmail.com



56 Punnavithi 21 Alley, Bang Chak, Phra
Khanong, Bangkok 10260, Thailand



www.tasportfolio.site



www.linkedin.com/in/tas-sukastid-bcc



About Me

I am a student at the Faculty of ICT, specializing in data science and artificial intelligence.

My interests include Machine Learning, Deep Learning, and Data Analytics, focusing on applying these techniques to solve real-world problems and extract valuable insights from data.

Skills

- Programming Languages: Python, Java
- Web Development: HTML, CSS, JavaScript
- Data Analysis: SQL, PowerBI, Alteryx
- Machine Learning: TensorFlow, Keras, PyTorch
- Soft Skills:

Critical thinking

Teamwork

Time management

Leadership



Education



- Bachelor of Science in Digital Science and Technology
Mahidol university 2023 - now
- Faculty of Information and Communication Technology



Experience



- Laboratory Assistant - Faculty of ICT
Mahidol University 2024 - Present
Developed and delivered Python programming tutorials to students, enhancing their understanding of programming concepts and applications.
- Research Assistant Internship - Department of CSIE
National Central University (Taiwan) Jun - July 2025
 - Supported research on **rainfall estimation from satellite images** using U-Net++ and LSTM deep learning models for spatiotemporal prediction.
 - Collaborated with graduate researchers on result analysis and manuscript preparation.



Projects

E-Commerce Website – Gady Padie *HTML, CSS, Java, Node.js, MySQL*

Developed a fully functional e-commerce website featuring product listings, user authentication, and order management. Focused on responsive design and efficient backend integration to enhance user experience.

Mobile Application – MoneyQuest *Flutter, Firebase*

Designed and implemented a mobile application for personal finance and savings management. Enabled users to track income, expenses, and savings goals with a clean, intuitive interface.

Internet of Things – Smart Barrier System *ESP32, Arduino, RFID Sensors*

Built a prototype smart gate system using RFID and motion sensors. Integrated ESP32 microcontroller to automate barrier control, demonstrating IoT connectivity and real-time access management.

Rainfall Estimation from Satellite Images (Rainfall Classification) *U-Net++ and LSTM | Python, TensorFlow*

- Explored different encoder architectures and model configurations in U-Net++ to identify the most effective spatial feature extractor.
- Integrated LSTM for temporal sequence analysis to improve prediction consistency.
- Performed multiple training experiments, parameter tuning, and model evaluations to achieve the best classification accuracy.
- Achieved improved rainfall classification accuracy through systematic encoder and parameter experimentation.