

SWISS TANGSATJATHAM

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EDUCATION

Chulalongkorn University, Bangkok Thailand

2020-2024

- Faculty of Engineering, Aerospace Engineering (International School of Engineering, ISE)

ACADEMIC PROJECTS

- Senior Project “FISH.me – Fish Monitoring Equipment” using an Autonomous UAV
 - Collaborated with 6 team members; designed the project about utilizing an autonomous UAV to build a monitoring system that allows fishermen to observe the fish in the fish aggregating
 - Responsible for all of the UAV avionics, which includes the flight computer, server, and autonomous system
- SDGs Project with a Tokyo Institute of Technology Student on Waste Management and Awareness in Tourist Spots
 - Educating people about waste disposal and types through the use of board games

EXTRACURRICULAR ACTIVITIES & ACHIEVEMENT

- Create TaskFlow, a website for task management
 - The website that lets users schedule and manage tasks more efficiently includes dynamic progress tracking
 - Source code: <https://github.com/tintinguy01/TaskFlow>
 - Website: <https://task-management-app-six-tau.vercel.app/>
- Create a movie review website
 - The website where users can post reviews for movies that are retrieved via API
 - Source code: <https://github.com/tintinguy01/Movirev>
 - Website: <https://movirev-i7f4sydze-swiss-projects-7eafb3e6.vercel.app/>
- Create a FISH.me – Weather Forecast website
 - A website that will retrieve weather information in real-time from an API for a senior FISH.me project
 - Source code: <https://github.com/tintinguy01/FISH.me-WeatherForecast>
 - Website: <https://fish-me-weather-forecast-5eqabr658-swiss-projects-7eafb3e6.vercel.app/>
- Create a JavaScripts - based game inspired by Pokémon
 - Source code: <https://github.com/tintinguy01/Pokebased>
- Create a Simon game project
 - A Simon game in which the player must press the button to repeat the randomly generated pattern
 - Source code: <https://github.com/tintinguy01/Simon-Game>
 - Website: <https://simon-game-lr0g1990f-swiss-projects-7eafb3e6.vercel.app/>
- Create a drumkit game project
 - A drum kit project in which the user can play the drums by clicking a button or pressing a key
 - Source code: <https://github.com/tintinguy01/Drumkit>
 - Website: <https://drumkit-bice.vercel.app/>
- Complete the 2024 Web Development Bootcamp by Dr. Angela Yu
- Complete the learning path “Career Essentials in Software Development by Microsoft and LinkedIn”
- Complete the learning course “Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2024]”
- A summer internship at the National Institute of Applied Science of Toulouse
 - Using computational fluid dynamics (Ansys), simulate and determine the relationship between the frequency and temperature at the inlet of the fluidic oscillator

MISCELLANEOUS

- Languages Thai (Native), English (Fluent)
- Computer Skills HTML, CSS, JavaScript, Python, Node.js, JQuery, Git, SQL, Web3, Express.js, PostgreSQL, React.js, Next.js, EJS, Postman, API, Blockchain
- Interests Web development, Game development, Programming, Robotics and AI, Machine Learning