SWISS TANGSATJATHAM
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EDUCATION

(2020 -Present) Chulalongkorn University, Bangkok Thailand

- Study as Junior at Faculty of Engineering, Aerospace Engineering (International School of Engineering, ISE)
- GPAX: 2.59/4.00

(2017 – 2019) Satriwitthaya 2 School, Bangkok Thailand

- High School – Science and Mathematics Program
- GPAX: 3.51/4.00

ACADEMIC PROJECTS

- Pre-conceptual and Conceptual Design Study of Urban Parcel Delivery UAS Concept for use within Bangkok Area Project
  - Collaborated with 3 team members, researched the drone's requirements and specifications as well as population data within Bangkok area
- Designed a Mask Incinerator in ISE Exploring Engineering World
  - Collaborated with 4 team members, created a google form for a mask disposal survey, researched and plotted the analysis graph, designed a mask incinerator using AutoCAD Fusion 360
- Created a Hydraulic Powered Robotic Arm from Cardboard – Team Leader
  - Managed 2 team members to make beneficially project including delegated tasks, researched the hydraulic powered equipment examples, and designed the hydraulic powered robotic arm
- Designed and Created Paper Airplane with Motor Project
  - Collaborated with 2 team members, designed the paper airplane, used XFLR5 to find the center of mass of the plane, tested the flight by using the controller

EXTRACURRICULAR ACTIVITIES & ACHIEVEMENT

- Participated in Aerospace Engineering major Trip 2022 as staff
- Finished the learning path "Career Essentials in Software Development by Microsoft and LinkedIn"
- Basic python projects:
  - rock, paper, scissors game
  - quiz game
  - text editor program
  - calculator program
  - tic tac toe game
  - snake game
  - portfolio website :

MISCELLANEOUS

- Languages   Thai (Native), English (Fluent)
- Computer Skills   Adobe Photoshop, Adobe Premiere Pro, Arduino, XFLR5, MS Office, Python, C#, HTML, CSS, JavaScript
- Interests   Drones, Aerospace (Spaceship, Satellite, Rocket), Programming, AI and Robotics, Video editing

LinkedIn: https://www.linkedin.com/in/swiss-tangsatjatham-7821b3254/