

Suprawee Pongpeeradech

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EDUCATION

University of South Carolina - Columbia, SC

Jan 2023 - Current

Bachelor of Science in Computer Engineering (Expected December 2025)

GPA: 3.89

- President's Honor Lists, Dean's Honor Lists, Scholarships

Kasetsart University - Bangkok, Thailand

2020 – 2022

Bachelor of Science in Software & Knowledge Engineering

WORK & LEADERSHIP EXPERIENCE

Undergraduate Assistant | *HTML, CSS, Javascript, Python*

August 2023 - Present

- Conducts computer lab sessions and assists students with assignments in HTML and Python.
- Provides debugging support and guidance on programming concepts.

Organization of Thai Sport Week

August 2020

Managed venue setup, sports equipment, and scheduling for over 300 athletes.

- Oversaw event logistics, ensuring smooth competition flow.
- Hosted the event and provided real-time coordination for athletes and sports categories.

PROJECTS

Music Streaming Web Application Capstone | *React, Spring Boot, SQL*

2024 – 2025

- Developed a full-stack music streaming platform with user authentication, playlist management, and real-time audio streaming.
- Designed an intuitive UI for seamless navigation and personalized music recommendations.
- Implemented backend services for secure data storage and efficient content delivery.

Data Assistant Analysis Software | *Python, Pandas, Tkinter, SQL*

2022

- Developed a Python-based GUI program to analyze customer behavior from over 10 million records.
- Utilized data visualization tools to generate insights for improved business decision-making.

Shooting Game Development | *C#, Unity, Physics Engine*

2022

- Designed and developed a shooting game incorporating real-world physics for improved aiming mechanics.

Smart Café Project | *Python, SQL, Database Management*

2019 – 2020

- Developed an automated system to manage internet usage based on customers' Wi-Fi hours and purchase history.
- Implemented database-driven analytics to optimize pricing strategies.

CanSat Thailand Competition 2019 (Top 50 Finalist) | *MATLAB, Python, 3D Maker Software*

2019

- Designed and simulated a 3D bottle rocket model to analyze projectile motion.
- Performed force calculations to optimize aerodynamic performance before launch

SKILLS

Languages: Proficient in Python, Java, C#/C++; Familiar with SQL

Software: Excel, Microsoft Access, Git, Linux, VS Code, Jupyter Notebook

Frameworks: ROS, MATLAB, Verilog, React

Skills: Leadership, Teamwork, Problem-solving