Woraphob Sinbunyama

SILPAKORN UNIVERSITY (SANAM CHANDRA PALACE CAMPUS)

ABOUT ME

I graduated from the faculty of Engineering and Industrial Technology, major in Electronics and Computer Systems at Silpakorn University. I am passionate about Mathematics and Programming. I love to solve mathematical or computer programming problems. I believe your company will provide me with opportunities to gain more experience and techniques. Finally, I'm desiring knowledge for my future career paths. Thank you for being so considerate.

EDUCATION

Silpakorn University

Year of Graduation: 2024

- Bachelor of engineering
- Major in Electronics and Computer Systems
- Overall GPA 3.76 (First class honors)

RELEVANT SKILLS

Programming

- Basic cmd
- Python
- C/C++
- Assembly

Programs, Tools

- GitHub
- MySQL
- MATLAB
- VScode
- Arduino IDE

Key skills

- Problem solving
- Analytical thinking
- Active learning
- Open minded
- Debugging skill
- Oriented object knowledge
- Version control

Languages

- Thai (Native)
- English (CEFR: B2)

ACHIEVEMENTS AND PARTICIPATION

- Successfully completed and received a passing grade in GitHub for Developer 2024
- Participated in course DevLab 3 Open Access Program from borntoDev 2024
- Being awarded the Distinguished Engineering Student Award for year 2023
  Accumulated GPA 3.72
- Being awarded the Bhumibol Scholarship for excellent academic performance 2023
- Participated in workshop development IoT system by using ESP32 MQTT and Node-RED 2022
- Participated in workshop Python programming 2020
- The 1st place in Mathematics Genius Competition from the 69th Student Arts and Crafts Fair 2019

PROJECT EXPERIENCE

Basic education management system (2024)

- Used main concept of oriented object programming (Object, Classes, Encapsulation, Polymorphism and Inheritance) combined with data structure to create program
- Language used is Python.

Intern - Cooperative Project (2023)

- Cooperative with NXP Manufacturing (Thailand) Ltd for 6 months as a test engineer.
- Create and develop test program on new machines (used to test integrated circuit) by using program on old machines as a reference.
- Language used is C++ and machines operating system language.

Microprocessor Project (2022)

- Used Proteus to simulate Arduino board connected with Ultra Sonic sensor for calculating height, Load sensor for calculating weight, Passive Infra-Red (PIR) sensor for detecting heat, Liquid Crystal Display (LCD) and LED-3 colors. When PIR sensor detects heat, Ultra Sonic sensor and Load sensor will calculate height and weight and send values to Arduino board for calculating Body Mass Index (BMI) then show the estimated value at LCD, for LED-3 colors when turns to red it means busy and when turns to green it means to standby.

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