



SARAWIN BUAKAEW (Ping Pong)

Instrument Engineer

Hi, I am a new graduate who is passionate about finding new knowledge and experience. Develop oneself and be prepared to utilize the knowledge gained from education to develop the organization and make it more advanced.

Contact

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Personal Information

Date of Birth : Oct 7, 1999

Age : 24 Gender : Male

Nationality : Thai Citizenship : Thai

Religion : Buddhism Status : Single

Weight : 66 kg Height : 171 cm

Soldier : Except

Congenital disease : -

Education

Bachelor's Degree | 2021 - 2023

King Mongkut's University of Technology North Bangkok

- Faculty of Engineering
- Department of Instrument and Electronics Engineering
- Instrumentation System Engineer
- GPAX. 2.93

High Vocational Certificate | 2019 - 2021

Chulabhorn Technical College (Ladkwang)

- Department of Electrical Power
- Electrical Power
- GPAX. 3.84

Experience

Bachelor's Degree

Bang Pakong Power Plant | May - Jul 2022

- Learning about Turbine Supervisory system
- Learning about CEMs
- Instrument maintenance responsibilities

High Vocational Certificate

Bang Pakong Power Plant | Jul 2018 - Feb 2019

- The duty to learn about the operation of the power plant
- The duty to learn about the maintenance of various equipment
- The duty to learn about calibration

Vocational Certificate

DENSO (Thailand) co. ltd | May 2015 - Feb 2016

- Responsible for managing the facility system within the factory

Performance

- This thesis develops a ROS node to be used with a PLC with Modbus TCP/IP communication. It can receive images from the camera and use it to command I/O of the PLC and can also work with industrial robots.
- Control system for parking water pumps at Denso by using a motor control cabinet connection.
- Controlling a UR5 robot arm with ROS using a camera as a sensor to detect AR marker objects (AruCo).

Skills

- Process analysis Process Control Theory.
- Python, C++(.ino), HTML, CSS, JS
- PLC, DCS, LabView program design
- Design HMI
- Microcontroller Applications
- ROS (Robot Operating System)
- IoT (Internet Of Things)