

Saralchana Thongkham <<

>> CONTACT

☎ 089-5959906

✉ Saral_tubtim@hotmail.com

🏠 139/5 Sabai Place Ladkrabang, Lamplathio,
Ladkrabang Bangkok, Thailand 10520

Software Engineer/ Programmer

EDUCATION

- ✓ 2018 - 2022 **Advanced Manufacturing Innovation (Manufacturing System Engineering)**
King Mongkut's Institute of Technology
Ladkrabang
- ✓ 2015 - 2018 Princess Chulabhorn Science High School,
Satun
- ✓ 2012 - 2015 Phimanphitthayasan School, Satun

INTERNSHIP AND WORK EXPERIENCE

- ✓ April 2024 - July 2025 : **Software Engineer**
@ **Photonics Science Co., Ltd.**
 - Developed control software for laser systems, focusing on motion control, serial communication, and UI/UX using C# and Windows Forms (.NET Framework).
- ✓ April 2023 - April 2024 : **Innovator**
@ **Demorgan Ltd., Part.**
 - Educate secondary school students about the application of Arduino in creating innovative projects.
 - Educate elementary school students about the use of micro:bit with their applications in daily life.
 - Provide consultancy for secondary school students in their projects involving innovative solutions for schools.
- ✓ August 2022 - March 2023 : **Industrial Engineering (IE)**
@ **Summit Auto Seats Industry Co., Ltd.**
 - Calculate the production capacity of the factory's production line on a monthly basis and forecast the production capacity from 3 to 6 months later.
 - Improve production line balance to shorten production time.
- ✓ **Manufacturing Information System Department (AMD)**
 - June 2021 - November 2021 : **Intern in Automation and**
@ **Federal Electric Corporation Ltd.**
 - Program Raspberry Pi using Python to receive sensor data from the factory points between Arduino and Raspberry Pi.
 - Program website page to show data with red nodes.
 - Calculate the value of sending data to the Kepware server.

DATE OF BIRTH: 08/04/2000

NATIONALITY: Thai

>> HARD SKILL

- Programming For Manufacturing Systems (C and Python)
- Windows Forms (.NET Framework)
- C# Programming
- Engineering Laboratory
- Document Preparation
- Cira Core

>> SOFT SKILL

- Empathy
- Problem Solving
- Patience Initiative
- Leadership

>> ACTIVITIES

- The AMI 3 Camp
 - Document Preparation Department
 - Compose documents and prepare to present
 - Trainer math camp
 - Photographer in the activities of the Institute
- Samsung Solve for Tomorrow 2023
 - Training workshops on design thinking and entrepreneurship