



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

# Saralchana Thongkham

## » CONTACT

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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.