

Taninnat Siri

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📍 191 Village No.6, Don Kaeo, Mae Rim, Chiang Mai, 50180, Thailand

Education

[2017 – 2020]

King Mongkut's Institute of Technology Ladkrabang

- Bachelor of Engineering, Mechatronics Engineering
- GPA : 3.22

Skills

SOLIDWORKS / CAM / Motion / Simulation

- Able to create an engineering CAD and system assembly.
- Create simple motion simulations through SolidWorks' motion study.

Programming

- Basic understanding in C / C++ / JavaScript / HTML / CSS and Python.
- Advanced understanding in PLC (Have used Mitsubishi, Siemens, and Omron.)

Control System

- Able to read diagram for electrical circuit / fluid diagram (hydraulic and pneumatic).

CNC Machine & 3D Printing

- Understand basic working principles of CNC machine and 3D printing.

Microsoft Office

MS Excel

- Advanced in using formulas to summarize and manipulate numeral, string and date data.
- Intermediate in creating graph and dashboard, both static and dynamic.
- Intermediate in using Pivot table, Pivot graph and Power query.
- Beginner in Excel automation using MS automate, Macro and VBA.

MS Word and MS PowerPoint

- Intermediate in organizing data fit the medium, theme and format.

Experiences and Accomplishments

Academic Achievements

Robot Competition

- ABU Robocon 2019
- Thailand Battle Robot Warrior 2019
- PLC Competition 'Robo Saleng' 2020

Teacher Assistant

- Supervise in Power Electrical, Pneumatic and PLC Laboratories.

Department's training

- Android app linked with Siemens PLC.
- Simulate DC & AC motors with MATLAB.

Senior Year Project

- 3D Printing Waste Recycling Machine
 - Make a machine which recycle 3D printing waste into new plastic filament.

Work Experience

[March 2022 – 2024]

Part of Engineer in ASEAN Development Planning YIC Asia Pacific Corporation Co., Ltd / Thai Yazaki Group

- Benchmark – Compare wiring harness and parts from multiple vendors for the best fit to the designed product.
- Survey – Conduct a survey on masses' opinions on automotive features and feedback.
- Summarize Data – Create a report on existing data to aid with company's business decision.
- Driver Monitor Mockup – Create, revise, and improve a mockup of a driver monitor console.
- High Voltage – Oversee an experimental development of high voltage applications in automotive rather than the usual low voltage, such as a high voltage harness. Co-ordinate with several vendors and customers across multiple countries to settle an agreement.

Achievements

- Create a semi-automatic dashboard for benchmark and survey data. Using Microsoft Excel, macro, VBA, and Microsoft PowerPoint.
- Create new functions and revise existing functions to a driver monitor mockup.
- Using value analysis / value engineering, suggest proposals to multiple makers that would reduce the cost of wiring harness production by around 8.3%.