

AGENDA

- WORK EXPERIENCES BACKGROUND
- EDUCATION BACKGROUND
- SUMMARY

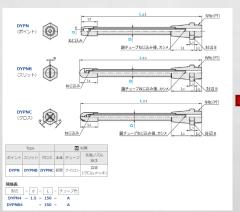
SATAKE PRECISION TECHNOLOGY

Embedded Engineer Position

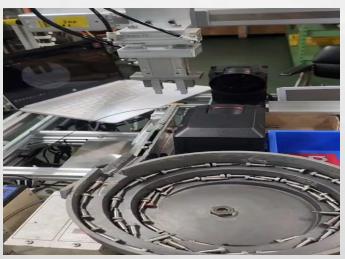
- Automation and labor-saving projects
- Issue drawings for machining process
- The project to reduce defective products through technological innovation
- Application for MiSuMi's workpiece measurement

Achievements: Defective product inspection machine using image processing,

IAI Cylinder, PLC, HMI

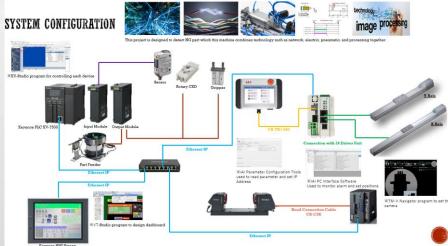








Projects for MiSUMi



Workpiece measurement App

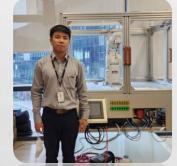
Inspection Machine VDO

System Configuration









MITSUBISHI ELECTRIC FACTORY AUTOMATION

Solution Engineer Position

- Design the solution applying SCADA, IoT, Robot, PLC, HMI, Inverter, Servo Motor, **Vision system, and Automation system**
- Project Management
- Determine the appropriate functions and protocol network system
- Support drawing, engineering task, and survey the worksites
- Collaborative with project sections to provide the suitable system
- Support technical problems and sale (more than 40 companies) **Noted: Top performance to provide solutions in 2022 – 2023**











SUCCESSFUL PROJECTS





Monitoring semiconductor test machine errors





Monitoring worker's load status





SCARA Robot & Vision for copy machine plate assembly processes





Big robots (Payload 165kg.) for air condition assembly processes





Monitoring electricity consumption

Sumitomo



Controller & Inverter for product conveyor lines

AMEC Elevator Asia



Monitoring water consumptions



SCARA Robot for painting processes

PANASONIC MANUFACTURING

Product Development & Design Division

- Owner project for developing the Philippines's product
- Tested product quality under TIS, JIS, and PNS standard
- Supported the production control related injection & compression
- Translated Japanese related oversea meeting, product audit, and product claim.
- Coordinated all project with suppliers

Design & Development

Test

Mass Production









Panasonic







EDUCATION BACKGROUND

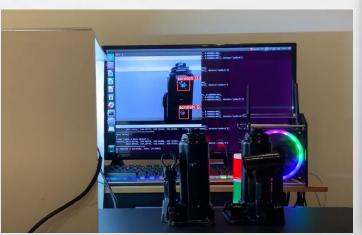
Master Degree in Mechatronics Engineering Suranaree University of Technology

Thesis: Design and development of smart vision for detection of workpiece quality and problem of object defects using Artificial Intelligence Techniques.

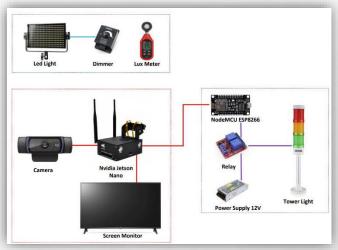
Bachelor Degree in Industry Engineering Technology Kasembandit University Project: Preventive Maintenance System



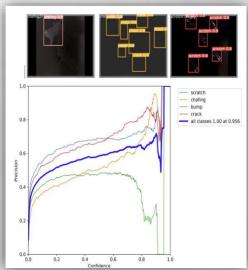




Result of real-time Testing



Processing System of prototype



Precision result from creating the model

SUMMARY

Experience

Project Management

Provide solutions

Product Development

Understand user's needs

After Service



Image Processing

PLC

Drawing 3D

Factory Systems















