



AHMAD ILHAM

ELECTRONICS ENGINEERING STUDENT

CONTACT

Phone:

085 876 655 972

Email Address:

ahmadilhamm05@gmail.com

Address:

Jl. Plumbon II RT 10 RW
03 Wonorasi,

,Ngaliyan Semarang

SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication

TECH SKILLS

- PLC Programming
- Electrical Wiring
- Microcontroller
- Programming
- Internet of Things
- Microsoft Office

SOFTWARE SKILLS

- Arduino IDE
- CX Programmer
- NB Designer



PROFILE

I'm an active student in the D3 - Electronics Engineering study program at State Polytechnic of Semarang. Has a strong interest in the electrical field, especially in instrumentation and control systems, has direct experience in various electronics projects such as PLC, IoT projects, designing PCB (Printed Circuit Board), and becoming a Hardware Engineer in companies and freelance. Has a high desire to open the widest possible opportunity for himself to gain knowledge and improve his abilities in the electrical field.



EDUCATION



State Senior High School 13 Semarang

2018 - 2020

Industrial Electronics Engineering



GPA: 88.50

State Polytechnic of Semarang

2022 - Present

Diploma in Electronics Engineering

GPA: 3.20 / 4.0



PROJECTS



Matlab Simulink



Smart Closed House for Broiler Chickens

is an automated poultry system that controls temperature, humidity, and ventilation using sensors and microcontrollers to ensure optimal growth conditions for broiler chickens..

Automatic Fish Feeder and Aquarium Maintenance Tool

is a smart device that automatically feeds fish on schedule and helps maintain water quality by monitoring and managing temperature, pH, and cleanliness in the aquarium.

Design of Baby Incubator Based On ESP32 with PID Control and DWIN HMI Interface

is a smart incubator system that uses an ESP32 microcontroller to regulate temperature and humidity with high precision through a PID algorithm, while allowing real-time monitoring and control via a DWIN touchscreen interface.

WORK EXPERIENCE

PT Marimas Putera Kencana

Assisted in the fabrication, maintenance, and modification of production equipment. Involved in machine repairs, piping installations, and supporting the improvement of production line efficiency through mechanical and process engineering tasks.