



Zakiyyah Nur Amiirah

College Student

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About Me

I am a student at State Polytechnic of Semarang, pursuing a Diploma III degree in Electronics Engineering within the Electrical Engineering Department. I am skilled in programming utilizing Arduino IDE and MATLAB Simulink, coupled with the ability to design PCBs

Education History

State Polytechnic of Semarang

Diploma III Electronics Engineering

2022 - Present

Islamic Senior High School of Sultan Agung 1 Semarang

Math and Science

2019 - 2022

Volunteer and Project Experience

Public Relation in " Technology Computer Festival (Techcomfest) "

(January 2024)

I am part of the Public Relations (PR) team responsible for managing the event permit documentation, disseminating information about the event to the general public through various communication channels and ensure the event receives adequate support.

IoT-based outdoor chili plant control device

(December 2023)

This device is designed to control the temperature in the surrounding environment of the chili plants and the soil moisture levels using DHT11 temperature sensor and soil moisture sensor.

Mentor for New Students College in " Wawasan Almamater dan Orientasi Akademik (WaRNA) "

(August 2023)

I serve as a new student mentor during orientation, responsible for providing guidance, disseminating information regarding orientation activities.

Mini audio amplifier with voltage supply

(July 2023)

The circuit in this device functions to amplify weak electrical signals into strong output signals to be processed by the tone control.

Relevant Skills

- Programming Matlab Simulink, Creating a control system block diagram
- Programming Arduino IDE, Creating a program on Arduino to generate output based on a sensor reading
- Programming PLC
- Leadership
- Teamwork