



ANISA NURUL FITROH

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Dsn. Karang Bolo Rt 1/ Rw 7, Lerep, West Ungaran, Semarang Regency.

I am a 4th semester student of D3 Electronics Engineering at Politeknik Negeri Semarang, who wants to develop myself in the field of electronics. My courses have equipped me with an understanding of electronic systems and practical skills in circuit design, programming and troubleshooting. Through the internship opportunity, I hope to apply my theoretical knowledge in practical situations, while continuing to expand my abilities in electronics.

Education Level

Politeknik Negeri Semarang - Semarang

Aug 2023 - Present

Diploma III in Electronics Engineering, 3.66/4.00

- Kitano Foundation Education Scholarship 2023

SMA N 2 Ungaran - Ungaran, Kabupaten Semarang

Jul 2019 - Jul 2022

Math and Science

Project Experience

Group project to design and build an IoT-based water pipe leak detection device

Feb 2024 - Present

This project aims to design and build a water pipe leak detection device connected to the Internet of Things (IoT).

- Participated in the prototyping process, from component selection to electronic circuit assembly.
- Participated in programming the program code of the IoT-based water pipe leak detection device.

Group project to create an IoT-based temperature monitoring device

Nov 2023 - Dec 2023

The project is designed to monitor the temperature and notify the user via IoT, LCD screen, and audio alerts.

- Participated in the planning session to identify the needs and specifications of the IoT-based temperature monitoring tool.
- Involved in the development of programming code to manage and control the retrieval of temperature data from the sensor.

Group project to make a mini siren device

Jun 2023 - Jul 2023

This project aims to design and make a mini siren that is portable and easy to use. It is designed to provide a clear and audible warning or signal in emergency situations.

- Participated in the prototyping of the mini siren device and performing mathematical analysis and schematic simulation of the circuit on proteus software to check the performance of the circuit under various operating conditions.

Organizational and Volunteer Experience

Polytechnic English Conversation Club - Politeknik Negeri Semarang

May 2023 - Present

General Treasurer

- Carrying out treasury duties and coordinating financial management in organization (both internal and external sectors).
- Manage cash funds and be responsible for recording financial reports every month.

Volunteer for FKBSE 2023 - Politeknik Negeri Semarang

Sep 2023

Group Companion

- Learn event information, gather participant information, prepare materials, coordinate with the team.
- Welcome and orient participants, help understand the agenda, facilitate communication.

Volunteer for PESIMA 2023 - Politeknik Negeri Semarang

Aug 2023

Group Companion

- Prepare materials and tools needed to accompany the group.
- Welcome and direct participants to the event location. Assist participants in completing assigned tasks or activities.

Skills

- **Electronic circuit schematics and PCB design through:** Proteus and EasyEda software.
- **Basic electronic programming in:** Matlab, Arduino IDE, PLC, and LabView.
- **Microsoft Office:** Word, Excel, and Power Point
- **Soft Skills:** Teamwork, communication, commitment, and responsible
- **Language:** Indonesian (Native), English (Conversation).