HELLO, I'M

TIRZA SARWONO

CONTACT

Klaten, Central Java

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tirzasrwn.github.io

INTEREST ♥

ROBOTIC

IOT

WEB DEVELOPER

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ABOUT ME

Hello, I am Tirza Sarwono. As a part of electrical engineering, I was taught both software and hardware. I am also equipped with electrical, basic mechanical and programming skills. I am a hardworking person. A bit quiet but a lot observing. A creative person and like to make something new that can solve problems. Have the ability to learn something new and also be able to adapt. Able to work alone and in a teamwork. Have an interest in Robotics, IOT, and Web Developers. Always want to keep learning and develop. Looking work in a healthy environment where I can use the right blend of skill and knowledge which I possess for achieving the organization objective as well as the development of my personality & capability in this dynamic world.

EDUCATION

2017-2020 **Gadjah Mada University**
Diploma 3 Electrical Engineering
GPA : 3.65

EXPERIENCE

2019-2020 **Gadjah Mada Robotic Team**
Alfatih Team - Electronic Division
Succesfully design and determine the electric system of Quadruped Robot so that it's can run automatically according to the mission.

2020 **Laboratory Assistance**
Digital Electronics
Successfully coordinate 20 students, preparing tool and material, explain about the basic theory, helping lecturer guide students and provide assessments.

2019 **Laboratory Assistance**
Electronics Design
Successfully teach 20 students about electronic design such as Eagle Software, Proteus Software, Fritzing Software, Fusion 360, and also teach them about how to make the design in to real device.

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💼 EXPERIENCE

2019 **Practical Work**
Instrumentation and Control Laboratory

Successfully to design and make Mecanum Arm Manipulator 4-DOF. The results of this design aim to get a robot that has the ability to maneuver in all directions and abilities like a human arm. The robot is also equipped with a camera so that it can be used as a robot's eye if it is controlled remotely.

✒️ SKILLS

Electrical Design
EAGLE
KiCad
Proteus

Mecanical CAD Design
Inventor
Fusion 360

Programming
Hardware Programming (Microcontroller)
C Language
C++ Language
Processing
MATLAB
Python Language
Programmable Logic Controller (PLC)
Web Programming:
→ HTML   → PHP
→ CSS   → MySQL
→ JavaScript → CodeIgniter
→ Bootstrap

Others
Git and GitHub
Administrative Skill (Office)
LaTex
Visual Studio Code
Sublime Text
Corel Draw
Electrical Wiring

🌐 Languages : 🇬🇧 English   🔴 Indonesian