

# YUSRON NUR LATIEF

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Prambanan, Sleman, Yogyakarta

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I am an fresh graduate and equipped recent Electrical Engineering graduate seeking to leverage my academic knowledge and internship experience to contribute effectively to a dynamic engineering team. Passionate to apply problem solving skills and technical expertise to drive innovation and achieve project objectives in the field of electrical engineering and automation.

## WORK EXPERIENCE

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**CV. GLOBAL TECHNINDO** - Yogyakarta

**September 2023 - January 2024**

*Drafter Electrical*

- Create working drawings, assembly drawings, and detailed drawings required for production and construction.
- Responsible for the design of the panels to be produced
- Create electrical panel layout designs
- Designing circuit of Single Line Diagram & Three Line Diagram
- Determine the components used as references in shop drawing
- Operate a Laser Cutting Machine

**SEKOLAH ROBOT YOGYAKARTA** - Yogyakarta

**January 2023 - June 2023**

*Instructor*

- Has broad responsibilities in providing effective electronics and robotics learning to students at various classroom and private levels.

## INTERNSHIP EXPERIENCE

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**PT. SOLO MECHATRONIC INDONESIA** - Sukoharjo

**July 2022 - November 2022**

*Control Electric*

- Design and implement a PCB schematic circuit made with EAGLE software
- Install electronic cabling according to the circuit made by the engineer
- Create lines of Arduino, STM32F1, and Atmega 16 microcontroller programming code

**PT. Pura Nusa Persada** - Kudus

**October 2018 - December 2018**

*Instrument & Electrical Engineering*

- Carrying out repairs to industrial tools and machines
- Carry out maintenance of industrial tools and machines

**PT. Mega Andalan Kalasan** - Yogyakarta

**August 2018 - September 2018**

*Maintenance Technician*

- Responsible for developing maintenance procedures and ensuring they are implemented
- Carrying out repairs to industrial tools and machines
- Carry out maintenance of industrial tools and machines

## EDUCATION

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### YOGYAKARTA STATE UNIVERSITY

August 2019 - August 2023

Bachelor of Applied in Electrical Engineering, GPA : 3.57

### SMK - SMTI YOGYAKARTA

2016 - 2019

Mechatronics Engineering, Final Score : 7.62

## ORGANIZATION EXPERIENCE

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### UNY ROBOTICS - UNY Thematics Team

2020 - 2023

*Electronics Division, 2020*

- Install electrical wiring according to the circuit drawing
- Print PCB according to the design created

*Head of Electronics Division, 2021 - 2022*

- Coordinating members to work together
- Responsible for installing robot electrical wiring
- Make PCB designs for minimum systems Arduino Mega, STM32F4, ESP32, and power supply system
- Ensure all work plans can be completed properly

*Advisor, 2023*

- Monitor team members' research progress
- Provide suggestions and criticism of team members' research processes

## ACHIEVEMENT

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- 1st place in Region 2 Indonesian Thematic Robot Contest 2021
- The best strategy for the Indonesian Thematic Robot Contest 2021
- Finalist in the National level Indonesian Thematic Robot Contest 2021
- Finalist in the National level Indonesian Thematic Robot Contest 2022
- 3rd Place in Region 1 Indonesian Thematic Robot Contest 2023
- Finalist in the National level Indonesian Thematic Robot Contest 2023

## SKILLS

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- **Soft Skill** : Team Working, Leadership, Team Management, & Problem Solving
- **Hard Skill** : Autocad, Autodesk Inventor, Eagle PCB, Proteus, Arduino IDE, Basic Programming ( C++, C#, HTML, CSS), Microsoft Excel, & Graphic Design