PRIMA NAFISMAN

Electrical Engineering

CONTACT INFO

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MY EDUCATION

2022 - NOW
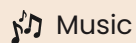**Undergraduate of Electrical Engineering**
Gadjah Mada University

2019 – 2022
Senior High School
State of 1 Magelang Senior High School

INTEREST

- ♫ Music
- Videography
- Photography
- Organization

HOBBIES

ABOUT ME

I am a hard worker, highly motivated at work, have good communication, and easy to learn new things. I like learning new things, I am highly interested in technology, and focus on my targets. I am always committed to be better, working honestly, diligently, thoroughly, disciplined, responsibly, and ready to work under pressure.

ORGANIZATION

Tanoto Scholarship Association UGM
2023 - NOW, EXTERNAL AND NETWORKING DIVISION

- Responsible for maintain and establish relationships and communication with outsiders of the organization

ARJUNA Electric Vehicle Team
2022 - NOW, HEAD OF ENERGY STORAGE DIVISION

- Responsible designing, testing, and manufacturing energy storage for EV especially in battery system

U-Crew Microsoft Student UGM
2023 - NOW, INTERNAL TECHNICIAN

- Responsible for all technical problems such as accommodation, equipment, and panning for internal ogranization

Informatic Clinic Community
2020 - 2021, CHAIRMAN

- Coordinate all organization's activities and its work programs

Ikatan Remaja Masjid Nurul Huda
2020 - NOW, HEAD OF RELIGIOUS DIVISION

- Coordinate all religious program schedules

Dewan Islam Sekolah
2019 - 2021, MEDIA DAKWAH DIVISION

- Manage all media needed for da'wah

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Electrical Engineering

Tanoto Scholar Association at Gelex
Aug 2023, PROJECT LEADER

- Coordinate, make a planning, analyzing, and make a proper decisions for the team

Tanoto Scholar Association SOCIAL PROJECT
Sept 2023, EVENT COORDINATOR

- Coordinate, make a planning, analyzing, and make a proper decisions for the event

TSA UGM BENCHMARKING with TSA UNDIP
May 2023, EVENT COORDINATOR

- Create a event Benchmarking UGM with TSAnjangsana UNDIP to discuss each TSA programs

Discrete Mathematics Tutorial
Aug - Nov 2023, TUTOR

- Teach the 1st semester of collage student to understand Discrete Mathematic in extra collage

Best Discrete Mathematics Tutorial
Nov 2023, TUTOR

- Best dedicated to teach the 1st semester of collage student to understand Discrete Mathematic in extra collage

Pameran Edukasi Magelang
2021, HEAD OF WEBSITE DIVISION

- Coordinate all website division's member to create as well as manage the website and server

Pemilihan Ketua Osis SMAN 1 Magelang
2021, HEAD OF WEBSITE DIVISION

- Coordinate all website division's member to create as well as manage the vote website and server

PROJECT

AMS PACKAGE v4
NOW 2024, ARJUNA LECTRIC VEHICLE TEAM

- The AMS or Accumulator Management System package consists of three separate boards: the AMS AFE (Analog Front End), TSEB (Temperature Sensor Extension Board) and CAN BUSmodule. This stack will be installed on every battery module to monitor the cell voltage, cell temperature, and control the cell balancing

Accumulator Interface v3
JAN-DEC 2023, ARJUNA LECTRIC VEHICLE TEAM

- The Accumulator Interface Board serves as a conduit for the data acquired from the AMS Interface Board through UART and the cell temperature data from TSEB via isolated CAN BUS. It compiles and sent all the essential data to the Vehicle Communication Interface. Additionally, this board incorporates a logical AND gate to execute fault determinations based on data received from two separate AMS Interface Boards.

ELECTRICAL IMPEDANCE TOMOGRAPHY
NOW 2024, PEKAN KREATIVITAS MAHASISWA

- The research title Analisis Sistem Pemantauan Tingkat Keasaman Lambung Pasien GERD secara Real-Time Berbasis Electrical Impedance Tomography yang Terintegrasi Mobile Apps.
- The GASTREIT arrives as a new solution using Electrical Impedance Tomography (EIT) technology for non-invasive checking of gastric acid pH levels.

AUTONOMUS EXCAVATOR
NOW 2024, ABAROBOTIC x ERIC UGM

- My role as Electronics, Minimum System, Converter, Power Management in the implementation of intelligent and intuitive robotics systems, supported by artificial intelligence, is expected to reduce dependence on human labor, minimizing human error.