

Gading Junior Sayyidina



+82 95415479941



gadingjuniar61@gmail.com.com



Semarang, ID

Profile

Motivated and hands-on Electronics Engineering student with a strong passion for embedded systems, IoT, and practical applications of industrial electronics. Experienced in working on various academic projects involving sensors, microcontrollers, and real-time data systems. Proven ability to apply classroom knowledge to real-world solutions, from sensor integration to dashboard monitoring. Enthusiastic about continuous learning and sharing insights through teamwork and collaboration. Eager to contribute technical skills and project experience to a dynamic engineering environment, while continuously developing as a future professional in electronics and automation.

Education

ASSOCIATE DEGREE IN ELECTRONICS ENGINEERING | POLITEKNIK NEGERI SEMARANG

Expected Graduation: 2025

GPA: 3.82 / 4.0; Electronics Engineering student actively involved in various practical and research-based projects. Experienced in working with sensors, microcontrollers, and industrial modules for academic and real-world applications.

Experience

INTERN | PT. ROHDE & SCHWARZ INDONESIA | SEPTEMBER 24 - MARCH 25

- As an Application Engineer in Test and Measurements Division
- Providing Technical Support During Product Presentations
- Conducting Product Tests and Demonstrations
- Analyzing Customer Needs to Offer Tailored Solutions
- Delivering Training and Post-Sales Technical Support.

Project

Competitive Fund Program: PiDAQ

Year: 2024

Role: Project Researcher

PiDAQ (Polines IoT Data Acquisition), IoT-based industrial data acquisition module using industrial internet of things (IIoT) technology.

Smart Glasses for the Blind Based on the Internet Of Things

Year: 2024

Role: Project Leader

Innovative auxiliary tool for the blind that can be monitored through a device so that it can be petrified and keep users from hitting objects in front of them.

IoT-based Hydroponic Monitoring

Year: 2023

Role: Embedded Systems Developer, Sensor Integration Specialist

Provides accurate monitoring of environmental parameters such as humidity, temperature, soil pH, and nutrients, which are crucial for hydroponic plant growth.

Licences & Certifications

PCB Design and Manufacturing Training for Industry

Nov 2024 - Nov 2026

TOEIC (Test of English for International Communication)

Oct 2024 - Oct 2026; Score: 755

Certification: Scaling Digitalization with Edge-as-a-Service

Sep 2024 - Sep 2026

Mastering EdgeLink: IoT Gateway for Seamless OT-IT Integration

Sep 2024 - Sep 2026

WISE-4000/LAN Wireless I/O Module Series - Basic

Sep 2024 - Sep 2026

Industry Automation

Aug 2024 - Aug 2027

Achievement

Silver Medalist of Indonesia International IoT Olympiad (I3O)

2025; With the title Sortez: Automatic Color and Weight Fruit Sorter Based on Raspberry PI and PLC Integrated with Internet of Things (IoT)

Skills

- | | |
|-----------------------------|----------------------|
| • Adaptability | • Internet of Things |
| • Ability to work in a team | • Project Management |
| • Communication | • Microsoft Office |
| • Leadership | • PLC |
| • Teamwork | • PCB Design |
| • Problem solving skill | |