

Soni Hartadi

Yogyakarta, Special Region of Yogyakarta | WA: 083869780959

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ABOUT

D4 Student in Electronics Engineering at Yogyakarta State University with strong analytical thinking and hands-on experience in Linux-based development and hardware-software integration through various technical projects. Proficient in multiple programming languages, with a solid understanding of embedded systems and system-level problem solving. Actively involved in student organizations, demonstrating teamwork, leadership, and practical project coordination skills.

EDUCATION

Yogyakarta State University

Undergraduate Student in Electronics Engineering Education | GPA: 3.73

Sleman, Yogyakarta

August 2023 – Present

WORK / INTERNSHIP EXPERIENCE

PT Inderaja Teknik Indonesia

Internship | Data Analyst

Sleman, Yogyakarta

January – February 2026

- Collected, cleaned, and standardized POI data of ±180 SPBU across Yogyakarta Special Region, improving data consistency and usability for downstream analysis.
- Performed data cleaning and validation using **Python (Pandas, NumPy)**, reducing duplicate and incomplete records by **~90%**.
- Documented data cleaning workflow and assumptions to support reproducibility and future updates.

Internship | Robotics Software Engineer

- Integrated Livox LiDAR sensor into ROS2 Humble environment on Ubuntu, including driver setup, workspace configuration, and dependency management.
- Conducted system level debugging on Linux (build errors, missing dependencies, ROS package resolution), improving build success and runtime stability.

UNY Hotel

Internship | Electrical Maintenance

Sleman, Yogyakarta

Mei - September 2022

- Supported operation, installation, and maintenance of electrical systems across a 5-floor hotel with 130 guest rooms, ensuring continuous power availability.
- Performed preventive maintenance on electrical panels, lighting systems, and power distribution to reduce unexpected failures in a 24/7 operational environment.
- Ensuring a reliable electrical system for a hotel facility with 130 rooms and continuous operational demands.

ORGANIZATIONAL EXPERIENCE

UNY Robotics Team (Robotika UNY)

Chairman

Yogyakarta

January 2026 – Now

- Designed and launched 3 flagship organizational programs to strengthen talent development and competition readiness.
- Leading strategic planning for eight prestigious national robotics competitions, including fund allocation.
- Managing 3 competition contingents, supervising 17 teams and more than 250 active members in the UNY Robotics Team

<p>UNY Robotics Team - Indonesian Flying Robot Contingent - Team Fixed Wing Chairman</p> <ul style="list-style-type: none"> Secured UNY's first-ever award category placement since KRTI has been organized by the Ministry of Higher Education, Science, and Technology Achieved Third Runner-Up (Juara Harapan III) in the Fixed Wing Division. Led the Fixed Wing team in the Indonesian Flying Robot Contest (KRTI) 2025, coordinating technical and non-technical preparations 	<p>Yogyakarta August – October 2025</p>
<p>Entrepreneurship Student Activity Unit (UKM Kewirausahaan UNY) Deputy Head of Public Relations Department</p> <ul style="list-style-type: none"> Achieved an end-of-term performance rating of 8.6/10 (B Rating) for departmental outcomes. Co-led and supervised 6 staff members throughout one full organizational term. Coordinated cross functional with 5 internal divisions to support organizational programs. Guiding staff in managing communication with external partners Served as a facilitator in 5+ organizational events, supporting program execution and participant engagement. 	<p>Yogyakarta February – December 2025</p>
<p>Entrepreneurship Student Activity Unit (UKM Kewirausahaan UNY) Staff of Human Resource Development Department</p> <ul style="list-style-type: none"> Contributed to achieving Best Department award (B+ Rating) at the end of the organizational term. Served as Person-in-Charge (PIC) for the Training for New Members 2024 program involving ~150 participants and ~50 organizing committee members. 	<p>Yogyakarta February – December 2024</p>
<p>UNY Chess Club (UKM Catur UNY) Staff of Cadre Department</p> <ul style="list-style-type: none"> Acted as PIC for 3 internal programs, supporting member development and regeneration initiatives. Communicate with five divisions of the organization to ensure alignment and program implementation. 	<p>Yogyakarta February – December 2024</p>
<p>Infinite UNY (Information Technology) Member</p> <ul style="list-style-type: none"> Participated in 3 internal activities focused on information technology exposure and skill development. 	<p>Yogyakarta February – December 2024</p>

LEADERSHIP & VOLUNTEERING

<p>Indonesian Flying Robot Contest Observer</p> <ul style="list-style-type: none"> Served as Organizing Committee (Observer) in the LELA Division, supporting the execution of a national-level robotics competition involving 15 competing teams. Actively participated in 1 week full time event operations, including technical coordination, team flow management, and on site competition support under UNY's organizing committee. Contributed to ensuring smooth daily operations and adherence to competition schedules in a high-pressure, time-critical environment. 	<p>Yogyakarta September 2024</p>
<p>Training for New Members of the UNY Entrepreneurship Student Activity Unit 2024 Chairman</p> <ul style="list-style-type: none"> Led the organization and execution of a member training program for ~150 participants, coordinating a committee of ~50 organizers across multiple divisions. Oversaw, scheduling, and cross-division coordination, ensuring activities were delivered on time and aligned with organizational objectives. 	<p>Yogyakarta September – November 2025</p>

- Achieved an average participant satisfaction score of 8.6/10, reflecting strong program structure, content relevance, and event execution quality.

National Entrepreneurship Festival Entrepreneurship Student Activity Unit
Public Relations Coordinator

Yogyakarta
March – June 2024

- Led a Public Relations team of 7 members over a 3-month preparation and execution period for a national-scale entrepreneurship festival.
- Coordinated external communications, promotional activities, and stakeholder engagement to support event visibility and attendance
- Ensured consistent messaging and timely dissemination of information across multiple communication channels during the pre-event and event phases.

ACHIEVEMENTS & ACTIVITIES

3rd Runner Up, Indonesian Flying Robot Contest (KRTI – Fixed Wing Division) 2025 - Direktorat Pembelajaran dan Kemahasiswaan (BELMAWA)

2nd Place, Video Business Challenge - EIT FE Universitas Sriwijaya

Finalist, National Business Model Canvas Competition - Surabaya State University Entrepreneurship Student Activity Unit

7th Place, National Business Model Canvas – Business Administration Student Association, 17 Agustus 1945 University, Surabaya

Passed University-Level Internal Selection, Student Creativity Program (PKM) – Karsa Cipta (KC) 2024, Yogyakarta State University

Passed University-Level Internal Selection, Student Creativity Program (PKM) – Entrepreneurship (K) 2025, Yogyakarta State University

Participant, Polines Robotic Contest - Semarang State Polytechnic

Participant, ITB Civil Engineering Expo (Innovative Bridge Design Competition) - Bandung Institute of Technology

Participant, National Business Model Canvas Competition – Management Study Program FEB, Muhammadiyah University Yogyakarta

Participant, Business Plan Competition - Student Executive Association of Management, Faculty of Economics and Business, UMS

Participant, Business Model Canvas Competition – Forum Cendekia

Speaker, SMK Telkom Goes to Campus – Faculty of Engineering, Yogyakarta State University

Speaker, SORCERY GATHERING #7 - Securing Data with Zero Knowledge Proof 2025 - Data Sorcerer Community

Speaker, Campus Introduction Culture in Electrical and Electronics Engineering (CIRCUIT) 2025 - Electrical and Electronics Student Association, Vocational Faculty, Yogyakarta State University

Speaker, Program Introduction of Electrical and Electronics Engineering (PIONEER) 2025, Electrical and Electronics Student Association, Vocational Faculty, Yogyakarta State University

Speaker, Upgrading UNY Entrepreneurship Student Activity Unit 2026, UNY Entrepreneurship Student Activity Unit

LANGUAGE SKILL

Yogyakarta State University

- Passing Grade ProTefl UNY at Score 457

HARD SKILL

- Python and C++
- Linux environment & CLI
- Robotics & Embedded System

SOFT SKILL

- Leadership
- Communication
- Critical thinking & problem solving