

ORLEANS OWEN SYAH

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I'm someone who's consistent, driven, and always eager to learn. I'm passionate about improving myself, which is why I've been involved in various self-development activities, focusing on areas like the environment, management, and technology.

EDUCATION

Institut Teknologi Sepuluh Nopember (ITS)	2024 – now
SMAN Ngoro Jombang	2021 – 2024
<ul style="list-style-type: none">Science major	

EXPERIENCES

Treasurer, BME Awards

- Managed and led all the member of the event
- Responsible for concept development and technical details for BME Awards
- Responsible for coordinating the entire event on the D-day

Intern, Programming Division, ITS Robocon

- Enhanced problem-solving skills by troubleshooting technical issues during robot testing
- Gained hands-on experience in using robotics tools and software
- Gained practical experience in algorithms, sensor integration, and real-time data processing within robotics systems.

Publicity and Documentation division, Guest lecture with the Faculty of Medicine, Airlangga University

- Documented the event through photography, ensuring comprehensive coverage for future reference

Event Division, ILITS x IMJ

- Managing and coordinating the event from planning to execution.
- Supervising the event execution team to ensure all activities run according to plan.
- Leading collaborative planning sessions to design engaging themes and event structure
- Measured event success through participant satisfaction surveys, participation rate analysis, and goal achievement evaluation using KPIs (e.g., active participant count and budget adherence).

Publicity and Documentation division, Guest lecture with the Faculty of Medicine, Airlangga University

- Documented the event through photography, ensuring comprehensive coverage for future reference

Participant of Introduction to Embedded Programming (IEP) 2025 with Shibaura Institute of Technology Japan and Universiti Teknologi MARA Malaysia.

- Learned the fundamentals of embedded systems programming using C language, Arduino, and various sensors.
- Applied programming concepts to develop and test simple embedded applications through hands-on exercises.
- Collaborated in a team to design and present a functional prototype project using the provided hardware kit.

HONORS & AWARDS

Participant of OSN informatics 2021 district level

- Develop skills in dynamic algorithms, data structures, and problem-solving optimization through a series of theoretical and practical tests

Selected Delegate – CiGiTS 2025 (Division 9: Smart Devices, Embedded Systems & IoT)

- Designed and implemented hardware–software integration for health monitoring devices using multiple sensors.
- Developed embedded system code for real-time data acquisition, signal processing, and visualization.
- Collaborated in a multidisciplinary team to deliver an innovative IoT-based solution, combining hardware prototyping and programming.

TRAINING

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- Coordinated the committee team by delegating tasks based on members' expertise, ensuring effective communication across divisions, and leading evaluation meetings to enhance collaborative performance.
- Developed event proposals, including concept planning, budget estimation, logistical needs analysis, and presenting proposals to stakeholders for approval

ENGLISH TRAINING by ITS Global Engagement

- Completed the International English Training Program by ITS Global Engagement in collaboration with Shibaura Institute of Technology, Chiba University, and Tottori University, enhancing skills in academic writing, presentations, and intercultural communication.

Basic Media Schooling by Himpunan Mahasiswa Teknik Biomedik

- Learned the fundamentals of journalism, including news coverage, photography, and videography techniques, as well as introductory web development. Gained practical experience in capturing impactful visuals and publishing digital content effectively

Biomedical Engineering Workshop by Himpunan Mahasiswa Teknik Biomedik

- Learned Delphi programming, Python for biomedical signal processing (such as ECG), machine learning fundamentals, and web development using JSX and MySQL. Gained hands-on experience in developing database-driven web systems and understanding how machine learning and signal analysis are applied in biomedical engineering.

SKILLS

Soft Skills

Creative thinking, Emotional intelligence, Leadership, Management, Organizational, Problem solving, Project control, Research skills, Teamwork

