



SATRYA TANGGUH PURUHITA

MECHATRONICS ENGINEER

Mechatronics graduate with experience as a Production Technician in the pharmaceutical industry. Looking to start a career as Procurement Administrator for PT Krakatau Karya Abadi. Ready to implement my organizational skills to maintain a strong relationships with key vendors, make purchase order, and preparing budget plan.

EDUCATION

2016 - 2020 POLITEKNIK ELEKTRONIKA NEGERI SURABAYA

- Graduated from Diploma 4 Mechatronics Engineering (GPA 3.54)
- Final Project : Robot Hand Mimicking Through Human Hand Movement (Politeknik Elektronika Negeri Surabaya)

EXPERIENCES

Jun – Dec 2021 PT. FERRON PAR PHARMACEUTICALS (Production Technician)

- Performing troubleshooting, repair, and preventive maintenance on production machines and equipments.
- Calibrating machines to maintain required productivity levels and adherence to quality standards.
- Analyzing performance and products, then making suitable recommendations.

Jan – Apr 2019 Pusat Teknologi Roket – LAPAN (Internship Trainee)

- Responsible to Develop a smartphone application for IMU sensor and GPS transmission.
- Analyzing and testing IMU sensor and GPS transmission from application smartphone.

ORGANIZATION AND VOLUNTEER

2017 - 2018 BEM PENS (Chief Committee of PKM PENS)

Responsible for the bureaucracy and the design of PKM (Program Kreativitas Mahasiswa) until PIMNAS (Pekan Ilmiah Mahasiswa Nasional).

2017 - 2018 BEM PENS (Staff of Research and Technology Department)

Managed scientific events in PENS such as: Final Project Competition, PKM Events, and Mawapres Socialization.

PUBLICATION

2021 8TH INTERNATIONAL SEMINAR ON AEROSPACE SCIENCE AND TECHNOLOGY (AIP Conference)

Title : Real-Time IMU Sensor Data Transmission through PCM (Pulse Code Modulation) Concept Based on Telemetry System Design.

2020 22ND INTERNATIONAL ELECTRONICS SYMPOSIUM (IEEE)

Title : Development of Teleoperation Humanoid Robot Hand Mimicking Through Human Hand Movement.

SKILLS

- Problem Solving
- Planning
- Verbal Communication
- Written Communication
- Coordination
- Microsoft Excel
- Mechanical Design
- Maintenance
- Analysis

CONTACT



+62 838-4915-1166



satryatp@gmail.com



linkedin.com/in/satryatangguh