

- Troubleshooting major system failures and equipment malfunctions
- Running scheduling Preventive Maintenance (PM).
- writing reports and documentation.

PT Inti Utama Solusindo (Pharos Group) | 2017 - 2018

Position : **Mechatronic Engineer staff**

Responsibility :

- Jobdesc as a mechatronic engineer is the same as before at PT.SGS with additional tasks and responsibilities.
- Modification of the machine according to the needs of the production plant.
- Ensuring the factory automation system is running properly.

PT Softnet Global Solusindo (Pharos Group) | 2015 - 2017

Position : **Hardware programmer staff**

Responsibility :

- Designing program algorithms on the machine based on user requirements.
- Coordinate with the mechanical and electrical team regarding the process flow to be carried out on the machine
- Select the specifications for sensors and electronic components to be used by the electrical and mechanical teams.
- Programming machine hardware from the electric and mechanical team.
- Testing and commissioning systems in the field to ensure the system works properly and fix the errors found.
- Writing reports and documentation.

Position : **Mechatronic Engineer staff**

Responsibility :

- Using computer-aided design and engineering software to create project plans and circuit diagrams
- Undertaking relevant research
- Agreeing project specifications, budgets and timescales with managers.
- Design and propose flow process Automation before execution.
- Implementing designs and creating test procedures.
- Testing, evaluating, modifying final machine system.
- Analysing and interpreting data
- Retrofitting machine in production plant.
- Attending meetings and giving presentations about the automation system that will be implemented.
- Designing and overseeing the installation of electrical systems in the field.
- Training users for new automation systems that have been developed, including how to operate the machine.
- Writing reports and documentation.

PT Sarana Kencana Mulya (Polytron Group) | 2012 - 2015

Position : **Home Appliance & White Goods Technician**

Responsibility :

- Repairing malfunction of all polytron products during the warranty period..
- visit customers homes to repair products in place (Air conditioner, TV, washing machine, refrigerator).
- Achieve the predefined key performance indicator (KPI) target.

PT Hartono Istana Teknologi (Polytron Group) | 2011 - 2012

Position : **Junior Technician**

Responsibility :

- Training how to repair all polytron products (Audio Product, Video Product and white goods product).
- Training about Product knowledge and Product educating for customers.

→ Other Skill

Leadership
Negotiation
Troubleshooting
HVAC system
Panel Maker
Wiring Diagram

LANGUAGES

Bahasa Indonesia
English

|||||
|||

INTEREST

Reading
Hardware Hacking
Open Source Software
Automation & IIoT
Open Source Technology
Smart Farming
Gardening

REFERENCE

Mr. Roland Antonius
Former Manager
PT Decathlon Sports
Indonesia
08159288067

[Click for E-mail](#)
[Linkedin Mr. Roland](#)

Mr. Christian Pranata
Direct Manager
PT. Pharos Indonesia
08118774608

[Click for E-mail](#)
[Linkedin Mr. Christian](#)

Nomor Seri Ijazah : 202012020000325
Certificate Serial Number

0732556

UNIVERSITAS BUDI LUHUR

memberikan ijazah kepada
awards this certificate to

Rifaudin Sakroni



Tempat dan tanggal lahir : Magelang, 07 Juli 1992
Place and date of birth

Nomor Induk Mahasiswa : 1652510023
Student number

Program Pendidikan : Strata-1
Degree program

Fakultas : Teknik
Faculty Engineering

Program Studi : Teknik Elektro
Program of study Electrical Engineering

Berakreditasi
Accredited

Tanggal kelulusan : 28 Agustus 2020
Date of graduate

Nomor Induk Kependudukan : 3308120707920004
National Identity Number

diterima pada : September 2016
admitted in

Bidang Peminatan : Teknik Kontrol
Concentration : Control Engineering

Ijazah ini diserahkan berdasarkan Keputusan Rektor, nomor : K/UBL/REK/000/006/08/20
This certificate is awarded in accordance to the Decree of Rector, number

tanggal 28 Agustus 2020.
dated

Dengan demikian yang bersangkutan berhak memakai gelar Sarjana Teknik (S.T.)
The name mentioned above has the right to bear

beserta segala hak dan kewajiban yang melekat padanya.
with all its privileges and obligations.

Rektor
Rector

Dr. Wendi Usino, M.Sc., M.M.



Jakarta, 01 September 2020
Dekan Fakultas Teknik
Dean of Faculty of Engineering

Dr. Ir. Nazori AZ, M.T.



Nama : Rifaudin Sakroni
 Tempat, Tanggal Lahir : Magelang, 07 Juli 1992
 Nomor Pokok / Nomor Seri Ijazah : 1652510023 / 202012020000325
 Program Pendidikan : Strata 1
 Fakultas : Teknik
 Program Studi : Teknik Elektro (Berakreditasi)
 Bidang Peminatan : Teknik Kontrol
 Diterima pada : 01 September 2016
 Tanggal Kelulusan : 28 Agustus 2020

No.	Mata Kuliah	Prestasi		
		Kredit	Nilai	
1.	Aplikasi Mikrokontroller	3	A	
2.	Aplikasi Wawasan Budi Luhur	1	A	
3.	Bahasa Indonesia	2	A	
4.	Bahasa Inggris	2	A-	
5.	CAD	2	A	
6.	Cisco Fundamental 1	3	A	
7.	Dasar Elektronika	3	A-	
8.	Dasar Komputer dan Pemrograman	3	A	
9.	Dasar Sistem Kontrol	3	A-	
10.	Dasar Teknik Tenaga Listrik	3	A-	
11.	Dasar Telekomunikasi	3	A	
12.	Elektronika Analog	3	A-	
13.	Elektronika Daya	2	A-	
14.	Elektronika Digital *	3	A-	
15.	Fisika Dasar 1	3	B	
16.	Fisika Dasar 2	3	A	
17.	Fuzzy Logic	3	A	
18.	Gambar Teknik	2	B+	
19.	Image Processing	3	A-	
20.	Interfacing	2	A	
21.	Jaringan Komputer	3	B+	
22.	Kalkulus 1	3	B+	
23.	Kalkulus 2	3	A	
24.	Komponen Sistem Kontrol	2	A	
25.	Komputasi Numerik dan Simbolik	2	A	
26.	Komunikasi Data	3	B+	
27.	Manajemen UKM	3	A	
28.	Matematika Teknik 1	3	A	
29.	Matematika Teknik 2	2	B+	
30.	Medan Elektromagnetik	2	A-	
31.	Optoelektronika	2	A	
A : 4.0		A- : 3.7	B+ : 3.3	B : 3.0
B- : 2.7		C : 2.0	D : 1.0	E : 0
* : Mata Kuliah Kendali Mutu				

No.	Mata Kuliah	Prestasi	
		Kredit	Nilai
32.	Organisasi dan Arsitektur Komputer	3	A
33.	PLC	4	A
34.	Pendidikan Agama Islam	2	A-
35.	Pendidikan Kewarganegaraan	2	A
36.	Pendidikan Pancasila	2	A
37.	Pengolahan Sinyal Digital	3	A
38.	Pengukuran Besaran Listrik	2	A-
39.	Prakt. Dasar Sistem Kontrol	1	A-
40.	Prakt. Dasar Telekomunikasi	1	A
41.	Prakt. Elektronika	1	A-
42.	Prakt. Mikroprosesor	1	A
43.	Prakt. Pengukuran Besaran Listrik	1	A
44.	Prakt. Rangkaian Listrik	1	A
45.	Prakt. Sistem Digital	1	A
46.	Praktikum Fisika	1	A-
47.	Probabilitas dan Statistik	2	A-
48.	Rangkaian Listrik 1	3	A
49.	Rangkaian Listrik 2	3	A
50.	Rekayasa Web	3	A
51.	Seminar Elektro	2	A
52.	Sistem Digital *	2	A
53.	Sistem Kontrol Digital	2	A-
54.	Sistem Kontrol Lanjutan	3	A-
55.	Sistem Kontrol Multivariable	3	A
56.	Sistem Linear	2	B
57.	Sistem Mikroprosesor	3	A
58.	Wawasan Budi Luhur	2	A
59.	Kuliah Kerja Praktek	2	A
60.	Tugas Akhir	6	A
61.	Kuliah Kerja Nyata	3	A
Jumlah Kredit Kumulatif : 147			
Indeks Prestasi Kumulatif : 3.83			

Tugas Akhir :
 RANCANG BANGUN SENSOR TDS (TOTAL DISSOLVED SOLID) SEBAGAI UMPAN BALIK KONTROL SISTEM OTOMATISASI FILTER AIR TANAH

Rektor

(Dr. Wendi Usino, M.Sc., M.M.)



Jakarta, 01 September 2020

DAIA Dekan



(Dr. Ir. Nazori AZ, M.T.)