



# MOCHAMAD GALIH RAMDHANI

## ABOUT ME

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I graduated from UIN Syarif Hidayatullah Jakarta majoring in Physics with a focus on Instrumentation Physics. Experience in analyzing experimental data has leverage my skills in identifying problems and troubleshooting capabilities. I have an understanding of hardware (computer and robot hardware) and software (Arduino, Python) based on my experience in disassembling and designing hardware and also creating program algorithms.

## CONTACT

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Kec. Pinang, Kota Tangerang 15143  
Phone Number : 081906795257  
Email : [mcgalihramdhan@gmail.com](mailto:mcgalihramdhan@gmail.com)  
Linkedin : [linkedin.com/in/mcgalih/](https://www.linkedin.com/in/mcgalih/)  
Website : [www.mcgalihramdhani.com](http://www.mcgalihramdhani.com)

## EDUCATION

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**Universitas Islam Negeri Syarif Hidayatullah Jakarta**  
May 2017 – January 2023  
Bachelor of Science in Physics, GPA: 3.52/4.0

## COURSES

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**RevoU (online course)**

RevoU Mini Course Digital Marketing

**RevoU (online course)**

RevoU Fundamental Course Software Engineering

**RevoU (online course)**

RevoU Mini Course Data Analytics

## SKILLS

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Microsoft Office (Word, Excel, PPT)  
Object oriented programming (Arduino, Python)  
Web design (HTML, CSS, Javascript)  
Graphic design (Adobe Photoshop, Illustrator)

## EXPERIENCES

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**Laboratory Assistant | 02/2021 – 12/2021**

Pusat Laboratorium Terpadu UIN Syarif Hidayatullah Jakarta

- Checking and calibrating the tools before doing experiments
- Leading and teaching the student how to operate and achieve the result as cited in the practitioner module for several courses
- Correcting and assessing student experimental reports

**Graphic Designer | 08/2018 – 01/2019**

Ekspedisi 2018 event, HIMAFI UIN Syarif Hidayatullah Jakarta

- Create an instagram posts
- Create a nametag design
- Create a banner design

## PROJECTS

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**Automatic moving Charity Box**

Github link: [github.com/mcgalih/Charity-Box-Car](https://github.com/mcgalih/Charity-Box-Car)

- Designed a storage box device that can move automatically and following the track line
- Control the device movement by placing a hand in front or behind of the device

**Card Security System Charity Box**

Github link: [github.com/mcgalih/Charity-Box-Card](https://github.com/mcgalih/Charity-Box-Card)

- Designed a storage box device that can only be opened by certain card(s)
- Can register a new card(s) as a key





**KEMENTERIAN AGAMA REPUBLIK INDONESIA**  
**UNIVERSITAS ISLAM NEGERI SYARIF HIDAYATULLAH JAKARTA**



Memberikan Kepada :

*Mochamad Galih Ramdhani*

Lahir pada tanggal 12 Januari 1999 di Tangerang

**I J A Z A H**  
**SARJANA SAINS (S.Si.)**

FAKULTAS : *Sains dan Teknologi*  
PROGRAM STUDI : *Fisika*  
NOMOR INDUK MAHASISWA : 11170970000002  
NOMOR INDUK KEPENDUDUKAN / PASPOR : 3671111201990001  
TANGGAL LULUS : 27 Januari 2023

Dengan segala hak dan kewajiban yang berhubungan dengan gelar akademik ini.



Rektor,

Prof. Dr. Hj. Amany Lubis, M.A.  
NIP.19631222 199403 2 002



Jakarta, 24 Februari 2023

Dekan,

Ir. Nashrul Hakiem, S.Si., M.T., Ph.D  
NIP.19710608 200501 1 005



# TRANSKRIP AKADEMIK



Universitas Islam Negeri  
SYARIF HIDAYATULLAH JAKARTA

Nomor Ijazah Nasional : 452012023000168  
SK BAN-PT APT [N Ia] : No. 25/SK/BAN-FT/Akred/PT/II/2018 [A]

Nomor Transkrip : B.F.9.ER 073692.2023

Nama : MOCHAMAD GALIH RAMDHANI  
Tempat/Tgl.Lahir : Tangerang, 12 Januari 1999  
Fakultas : Sains dan Teknologi  
Program Studi : Fisika  
Tanggal Lulus : 27 Januari 2023

NIM : 1117C970000002  
Jenjang : S1  
Jumlah Kredit : 161 SKS  
IPK : 3,52  
Predikat Kelulusan : Sangat Memuaskan

Judul Skripsi  
Rancang Bangun Kotak Amal Berjalan Otomatis  
Dengan Fungsi Deteksi Gelap-Lerang Lantai.

Kode	Matakuliah	SKS	Nilai	Kode	Matakuliah	SKS	Nilai	Kode	Matakuliah	SKS	Nilai	Kode	Matakuliah	SKS	Nilai
BHS 6003	BAHASA ARAB	3	A	FIS 4078	PEMROGRAMAN SISTEM INSTRUMENTASI	3	A								
BHS 6001	BAHASA INDONESIA	3	A	FIS 5082	PENDAHULUAN FISIKA INTI	4	A								
BHS 6002	BAHASA INGGRIS	3	B	POL 2002	PENDIDIKAN KEWARGANEGARAAN	2	D								
BIO 2019	BIOLOGI JUMU	2	B	FIS 5072	PENGOLAHAN SINYAL DIGITAL	2	A								
FIS 6089	DASAR-DASAR TELEKOMUNIKASI	3	A	FIS 4010	PRAKTEK BENGKEL	2	A								
FIS 4017	EKSPERIMEN FISIKA 1	2	B	ABI 6027	PRAKTEK KERJA LAPANGAN	3	A								
FIS 6017	EKSPERIMEN FISIKA 2	2	B	FIS 4041	PRAKTIKUM ELEKTRONIKA	1	B								
FIS 5142	ELEKTRONIKA LANJUT	2	B	FIS 6139	PRAKTIKUM ELEKTRONIKA I ANJUT	1	A								
FIS 4033	ELEKTRONIKA	3	B	FIS 3013	PRAKTIKUM FISIKA DASAR 1	1	A								
FIS 3033	FISIKA DASAR 1	3	A	FIS 4014	PRAKTIKUM FISIKA DASAR 2	1	A								
FIS 4033	FISIKA DASAR 2	3	B	FIS 4092	PRAKTIKUM FISIKA KOMPUTASI	1	B								
FIS 4015	FISIKA KOMPUTAS	3	B	SAR 2002	PRAKTIKUM IBADAH	1	A								
FIS 6034	FISIKA KUANTUM	4	A	KIM 3047	PRAKTIKUM KIMIA DASAR	1	C								
FIS 5035	FISIKA MATEMATIKA 2	4	B	FIS 6025	PRAKTIKUM MICROPROSESOR	1	A								
FIS 4035	FISIKA MATEMATIKA 1	4	B	FIS 5081	PRAKTIKUM PENGOLAHAN SINYAL DIGITAL	1	A								
FIS 5007	FISIKA MODERN	3	A	SAR 2001	PRAKTIKUM QIROAH	1	B								
FIS 6016	FISIKA STATISTIK	4	B	FIS 3085	PRAKTIKUM SISTEM DIGITAL	1	A								
FIS 3020	FISIKA ZAT PADAT	4	A	FIS 3086	PRAKTIKUM SISTEM KENDALI	1	A								
SHI 2237	GELOMBANG	3	B	FIS 5074	ROBOTIK	3	A								
FIS 4002	ILMU PEDAGOGIK	2	B	UIN 4265	SEMINAR SKRIPSI	1	A								
FIS 5071	INSTRUMENTASI FISIKA MEDIS	3	B	FIS 5070	SISTEM DIGITAL	2	A								
S A G 2002	ISI AM DAN ILMU PENGETAHUAN	3	A	FIS 5074	SISTEM KENDAL	2	A								
MAT 3018	KALKULUS 1	3	A	FIS 6065	SISTEM SENSOR	3	B								
MAT 4018	KALKULUS 2	3	B	STA3023	STATISTIKA	3	B								
ABI 2019	KERWAUGA IAN	2	B	SAG 6001	STUDI ISLAM	4	A								
KIM 3015	KIMIA DASAR	2	B	FIS 6072	TEORI RANGKAIAN	2	A								
ABI 5013	KULIAH KERJA NYATA (KKN)	3	A	FIS 5014	THERMODYNAMIKA	3	A								
FIS 3083	MEDAN ELEKTROMAGNET 1	4	B	ABI 9014	SKRIPSI	6	A								
FIS 7085	MEDAN ELEKTROMAGNET 2	3	B												
FIS 5021	MEKANIKA	4	B												
FIS 6021	MEKANIKA KLASIK	4	A												
MAT 4036	METODE NUMERIK	3	A												
ABI 3021	METODOLOGI PENELITIAN FISIKA	3	A												
FIS 5067	MICROPROCESSOR	3	C												
POL 2001	PANCASILA	2	A												

Jakarta, 24 Februari 2023

Dekan

Dr. Naufal Hakim, S.Si., M.T., Ph.D

NIP. 197406082005011005

