UTB
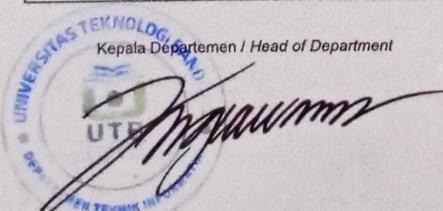## UNIVERSITAS TEKNOLOGI BANDUNG

FAKULTAS INDUSTRI KREATIF / *FACULTY OF CREATIVE INDUSTRY*
TRANSKRIP AKADEMIK / *ACADEMIC TRANSCRIPT*

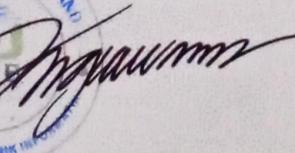Certificate Number : 04113455201202510 0088 - *Transcript Number* : B02EV336/FIK/UTB/XI/2025

Nama *Name*	: Reihan Aulia Darojat	
Nomor Induk Mahasiswa *Student ID*	: 21552011125	

Tempat, Tanggal Lahir *Place, Date of Birth*	: Bandung, 6 June 2003	
Departemen *Department*	: Teknik Informatika *Informatics Engineering*	

No.	Kode *Codes*	Mata Kuliah *Subjects*	SKS *Credits*	Nilai *Scores*
1	IF-U01	Agama / *Religion*	2	AB
2	IF-001	Algoritma dan Pemrograman I / *Algorithm and Programming I*	3	AB
3	IF-U04	Bahasa Inggris I / *English I*	2	A
4	IF-032	Fisika Dasar / *Basic Physics*	3	C
5	IF-011	Matematika Dasar / *Basic Mathematic*	3	B
6	IF-U02	Pancasila / *Pancasila*	2	AB
7	IF-007	Pengantar Teknologi Informasi / *Introduction to Information Technology*	2	A
8	IF-003	Struktur Data / *Data Structure*	3	A
9	IF-002	Algoritma dan Pemrograman II / *Algorithm and Programming II*	3	AB
10	IF-U05	Bahasa Inggris II / *English II*	2	B
11	IF-U03	Kewarganegaraan / *Civic and Citizenship Education*	2	AB
12	IF-033	Literasi Digital / *Digital Literacy*	2	A
13	IF-013	Matematika Informatika / *Mathematics for Informatics*	3	B
14	IF-012	Metode Numerik / *Numerical Method*	3	B
15	IF-009	Organisasi dan Arsitektur Komputer / *Computer Organization and Architecture*	2	A
16	IF-004	Sistem Basis Data / *Database System*	3	AB
17	IF-005	Basis Data Terdistribusi / *Distributed Database System*	3	AB
18	IF-017	Jaringan Komputer I / *Computer Network I*	3	A
19	IF-015	Pemrograman Berorientasi Objek I / *Object Oriented Programming I*	3	B
20	IF-019	Rekayasa Perangkat Lunak / *Software Engineering*	3	B
21	IF-010	Sistem Operasi / *Operating System*	3	A
22	IF-014	Statistika / *Statistics*	3	B
23	IF-021	Teori Bahasa Otomata / *Automata Language Theory*	3	AB
24	IF-006	Analisa dan Perancangan Berorientasi Objek / *Object Oriented Analysis and Design*	3	AB
25	IF-020	Digital Preneurship / *Digital Preneurship*	3	A
26	IF-018	Jaringan Komputer II / *Computer Network II*	3	AB
27	IF-101	Keamanan Komputer / *Computer Security*	3	A
28	IF-016	Pemrograman Berorientasi Objek II / *Object Oriented Programming II*	3	C
29	IF-023	Pemrograman Mobile I / *Mobile Programming I*	3	A
30	IF-022	Teknik Kompilasi / *Compilation Technique*	3	A
31	IF-U06	Bahasa Indonesia / *Bahasa Indonesia*	2	A
32	IF-103	Keamanan Informasi / *Information Security*	3	A
33	IF-102	Keamanan Jaringan / *Network Security*	3	A
34	IF-025	Pemograman Web I / *Web Programming I*	3	A
35	IF-024	Pemrograman Mobile II / *Mobile Programming II*	3	A
36	IF-P02	Sistem Informasi Enterprise / *Enterprise Information System*	3	AB
37	IF-027	Sistem Mikroprosesor / *Microprocessor System*	3	B
38	IF-104	Ethical Hacking / *Ethical Hacking*	3	A
39	IF-105	Foresec Certified In Networking Security (FCNS) / *Foresec Certified In Networking Security (FCNS)*	3	A
40	IF-029	Metodologi Penelitian Informatika / *Informatics Research Methodology*	3	A
41	IF-026	Pemograman Web II / *Web Programming II*	3	A
42	IF-P03	Penambangan Data / *Data Mining*	3	A
43	IF-028	Sistem Mikrokontroler / *Microcontroller System*	3	A
44	IF-U07	Teknik Penulisan Literatur Ilmiah / *Scientific Report Writing Technique*	2	A
45	IF-030	Intelegensi Buatan / *Artificial Intelegence*	3	A
46	IF-P07	Pengembangan Diri / *Personal Development*	2	A
47	IF-U08	Pra Skripsi / *Pre-Final Project*	3	A
48	IF-U10	Project Management Associate (PMA) / *Project Management Associate (PMA)*	3	B
49	IF-U11	Kerja Praktek / *Internship*	2	A
50	IF-P08	Pengembangan Profesional / *Professional Development*	2	A
51	IF-031	Sistem Pakar / *Expert System*	3	A
52	IF-U09	Skripsi / *Final Project*	5	AB

Judul Skripsi	**Final Project Title**
Pengembangan Model Machine Learning untuk Sistem Pendeteksi Jenis Sampah Menggunakan Algoritma CNN dan Transfer Learning Inception V3 pada Aplikasi Sortify (Sorting & Recycling Trash Identification for You)	*Development of Machine Learning Model for Waste Type Detection System Using CNN Algorithm and Inception V3 Transfer Learning on Sortify Application (Sorting & Recycling Trash Identification for You)*

Tanggal Lulus *Date of Graduation*	**Jumlah Kredit** *Total of Credits*	**Indeks Prestasi Kumulatif** *Grade Point Average*	**Predikat** *Predicate*
9 August 2025	145	3.62 / 4.00	CUM LAUDE

Kepala Departemen / *Head of Department*

Firgiawan Faira, S.T., M.Kom.

Bandung, 27 November 2025
Dekan / *Dean*

Rika Andriyanti Dinata, S.T., M.T.