Issued date : 2024/11/01 Use: Transcript Submission: University Expiration date : 2025/01/30

## **KAIST**

### KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

291 Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea

# ACADEMIC TRANSCRIPT

Student Number : 20180488				Degree Program : Bachelor		
Name in Full : Jaewook Lee				Date of Birth : April 13, 1999		
Major : School of Electrical Engineering						
Double Major	: Department of Mathematical Sciences					
Date of Admission	: February 26, 2018			Degree : Bachelor of Science		
Degree Conferred	: February 26, 2023			Diploma No. : 과기원 2022 (학) 183		
Code Title	•	Credit Grade		Code Title		Grade
Credits transferred >				*HSS186 Understanding Music & Music History	3.0	A +
MAS101 Calculus 1		3.0	S	institute of industrial and industrial industrial	3.0	
	sentation & Discussion	1.0	S	Term Earned 17.0 Term GPA 4.15 (98.50/100)		
	nglish Listening	1.0	S			
	nglish Writing	1.0	S	< Spring 2020 >		
HSS025 Advanced I	nglish Reading	1.0	S	*EE303 Digital System Design	3.0	Α(
	T F 170 T CD+ ( )			*EE321 Communication Engineering	3.0	Α-
	Term Earned 7.0 Term GPA - (-)			*EE326 Introduction to Information Theory and Coding	3.0	Α.
· Cuuiua 2010 >				*MAS311 Modern Algebra I	4.0 4.0	Α(
Spring 2018 > CH101 General Ch	emistry I	3.0	A+	*MAS365 Introduction to Numerical Analysis	4.0	A
	n to Programming	3.0	A+ B+	Term Earned 17.0 Term GPA 4.07 (97.70/100)		
PH141 General Ph		3.0	A +	Term Earned 17.0 Term G1 A 4.07 (77.707100)		
PH151 General Ph		1.0	A +	< Sum m er 2020 >		
	n to Linear Algebra	3.0	A +	EE495 Individual Study	1.0	S
	Equations and Applications	3.0	A +			_
	eadership III <introduction fingerstyle<="" td="" to=""><td></td><td></td><td>Term Earned 1.0 Term GPA - (-)</td><td></td><td></td></introduction>			Term Earned 1.0 Term GPA - (-)		
Guitar>		1 A U	S			
HSS090 Happy Coll	ege Life	1 A U	S	< Fall 2020 >		
HSS190 Freshman S	eminar 1 <dept. engineering="" mechanical="" of=""></dept.>	1.0	S	*EE305 Introduction to Electronics Design Lab.	3.0	Α-
				*EE424 Introduction to Optimization Techniques	3.0	A
Te	rm Earned 17.0 Term GPA 4.11 (98.10/100)			*EE488 Special Topics in Electrical Engineering < Machine		
				learning basics and practices>	3.0	A-
Fall 2018 >				*MAS355 Mathematical Statistics	3.0	Α-
BS120 General Bio		3.0	A+	*MAS477 Introduction to Graph Theory	3.0	S
CH102 General Ch	emistry Experiment I	1.0	A 0	EE495 Individual Study	1.0	S
MAS102 Calculus II		3.0	A +			
PH142 General Ph		3.0	A +	Term Earned 16.0 Term GPA 4.30 (100.00/100)		
MAS250 Probability		3.0	A +			
MAS212 Linear Alge		3.0	A +	< Winter 2020 >		
HSS091 Exciting Co	llege Life	1 A U	S	EE495 Individual Study	1.0	S
т	erm Earned 16.0 Term GPA 4.28 (99.80/100)			Term Earned 1.0 Term GPA - ( - )		
10	THE Earlied 10.0 Tellin GF A 4.28 (99.80/100)			Telin Eatheu 1.0 Telin GFA - (-)		
Spring 2019 >				< Spring 2021 >		
EE202 Signals and		3.0	A 0	*EE405 Electronics Design Lab. < Building AI-empowered	2.0	
	g Structure for Electrical Engineering	3.0	B+	Autonomous Cars>	3.0	Α-
	ics in Electronic Engineering I <my and<="" life="" td=""><td>1.0</td><td>40</td><td>*EE432 Digital Signal Processing</td><td>3.0</td><td>A</td></my>	1.0	40	*EE432 Digital Signal Processing	3.0	A
Career in El		1.0	A 0	*MAS350 Elementary Probability Theory	3.0	Α.
	n to Number Theory	3.0	A -	HSS001 Logical Writing	3.0	Α.
MAS241 Analysis 1 HSS042 Tennis		4.0 2AU	A 0 S	*HSS295 Contemporary Social Theory EE495 Individual Study	3.0 1.0	A ·
	y East Asian Art	3.0	A -	EE473 mulvidual study	1.0	3
				Term Earned 16.0 Term GPA 4.24 (99.40/100)		
Te	rm Earned 17.0 Term GPA 3.77 (94.70/100)			< Sum m er 2021 >		
Fall 2019 >				CS495 Individual Study	1.0	S
EE201 Circuit The	ory	3.0	A +	<u> </u>		
EE204 Electromag	· ·	3.0	A +	Term Earned 1.0 Term GPA - (-)		
	and Introductory Random Processes	3.0	A +			
•	ics in Electronic Engineering I <my and<="" life="" td=""><td></td><td></td><td>&lt; Fall 2021 &gt;</td><td></td><td></td></my>			< Fall 2021 >		
Career in El		1.0	A +	*EE205 Data Structures and Algorithms for Electrical		
		4.0	A -	Engineering	3.0	W
MAS242 Analysis II						

This official transcript was produced on November 1, 2024

Seungbum Hong, Ph.D. Vice President of Academic Affairs, KAIST

Grades and Grade Points: A+=4.3, A0=4.0, A-=3.7, B+=3.3, B0=3.0, B-=2.7, C+=2.3, C0=2.0, C-=1.7, D+=1.3, D0=1.0, D-=0.7, S=Satisfactory, U=Unsatisfactory, R=Retaking, W=Withdrawal, P=Pass

(INTERNET NO) 3439113044204007

1/2

<sup>\*:</sup> English Course \*: Credits transferred from other/foreign universities

O Dean's List: A top student who is selected by the College (semester)
Required to complete at least one among Second Major, Minor, Advanced Major, and Individually Designed Major. (For students admitted in 2016 and after)

The certificate is an electronic certificate(file is original). If there are not time stamp and electronic signature on the certificate,

the certificate is considered to be a forgery. The file is original, output is a copy.

Use: Transcript Issued date : 2024/11/01 Submission : University Expiration date : 2025/01/30

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#### KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

291 Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea

## ACADEMIC TRANSCRIPT

Student Number : 20180488 Degree Program: Bachelor Date of Birth : April 13, 1999 Name in Full : Jaewook Lee : School of Electrical Engineering Major Credit Grade Title Credit Grade Code Title Code

2 A U

\*MAS441 Lebesgue Integral Theory 3.0 \* A I 5 0 1 Machine Learning for AI 3.0 \* A I 5 0 5 Optimization for AI 3.0 S \*EE623 Information Theory Α0 3.0 CS495 Individual Study 1.0 Term Earned 13.0  $Term\ G\ P\ A\ 3.50\ (92.00/100)$ 

> Term Earned 0.0 Term GPA 0.00 (57.00/100)

< Fall 2022 > EE534 Pattern Recognition HSS179 Spanish Conversation 3.0 B+

> Term GPA 3.80 (95.00/100) Term Earned 6.0

Honor(Dean's List)

Earned(Bachelor)

< Winter 2021 > HSS043 Basketball

2018 Fall / 2019 Fall / 2020 Fall / 2021 Spring

- End of Record -

Convert into a percentage (Bachelor)

97.70/100

This official transcript was produced on 1, 2024 November

Seungbum Hong, Ph.D.

Vice President of Academic Affairs, KAIST

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4.07/4.3

\* : English Course \* † : Credits transferred from other/foreign universities

145.0 credits

O Dean's List: A top student who is selected by the College (semester)

Required to complete at least one among Second Major, Minor, Advanced Major, and Individually Designed Major. (For students admitted in 2016 and after)

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GPA(Bachelor)

(INTERNET NO) 3439113044204007

Output of electronic certificate can not be used because PDF File is original of electronic certificate. If it is not the dedicated viewer unable to verify original certificate and digital signatures. Electronic certificate can be downloaded from https://www.certpia.com/eDown

2/2

# KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

291, Daehak-ro, Yuseong-gu, Daejeon 34141 KOREA CABLE:KAISROK DAEJEON

TEL: 82-42-350-2114,5114 / FAX.: 82-42-350-2210,2220

November 30, 2024

To whom it may concern:

This is to certify that Jaewook Lee attended the School of Electrical Engineering of the Korea Advanced Institute of Science and Technology (KAIST) from February 26, 2018 to February 26, 2023 and was awarded the degree of Bachelor of Science in the field of School of Electrical Engineering(double major: Department of Mathematical Sciences) on February 26, 2023.



Seungbum Hong, Ph.D.

Vice President of Academic Affairs, KAIST

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(INTERNET NO) 3524894126513535

Issued date : 2024/11/01 Use: Transcript Submission : University Expiration date : 2025/01/30

## **KAIST**

# KO REA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

291 Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea

# ACADEMIC TRANSCRIPT

Studen	nt No	: 20233	823	0112 21/110	Degree Program : Master	
	in Full	: Jaewo			Date of Birth : April 13, 1999	
	Departmen		aechul Graduate Sc	hool of AI	1 - 7 - 1 - 1	
MS		dmission : Februa		100101711	Degree :	
	Degree Co		, 27, 2025		Diploma No. :	
Code	Title			Credit Grade	Code Title	Credit Grade
< Credits	s transferred >					
AI501	Machine Learn	ing for AI		3.0 S		
A I 5 0 5	Optimization for			3.0 S		
EE534 EE623	Pattern Recogn Information Th			3.0 A+ 3.0 A0		
22023						
	Term	Earned 12.0 Ter	m GPA 4.15 (98.50/1	00)		
< Spring	2023 >					
*AI603	Machine Learn			3.0 A+		
*AI616 CC010	Deep Learning	; Theory e on Leadership <ent< td=""><td>ranranaurchin&gt;</td><td>3.0 A+ 0.0 S</td><td>OF</td><td></td></ent<>	ranranaurchin>	3.0 A+ 0.0 S	OF	
*CC511	Probability an		repreneurship>	3.0 A+	UF SCI	
A 1966	M.S. Seminar<0			1.0 S	EAS	
	Torm	Earned 10.0 Term	n GPA 4.30 (100.00/1	00)		
	Term	Earned 10.0 Term	11GFA 4.30 (100.00/1	00)	(6/17)	
< Fall 20					OF SCIENCE	
M A S58	3 Topics in Math Transport Fram	nematics <gradient fl<br="">nework&gt;</gradient>	ows in Optimal	3.0 A+	\2\	
*AI966	M.S. Seminar<0			1.0 S		
A 1960	M.S. Thesis Re	search		8.0 S		
	Term	Earned 12.0 Term	n GPA 4.30 (100.00/1	00)		
< Spring A I960	2024 > M.S. Thesis Re	a anrah		9.0 S		
A1900	W.S. Thesis Re	search		9.0 3	H	
		Term Earned 9.0	Term GPA - ( - )			
		- End of I	Record -		/6/	
					/2/	
					71	
					/ 23/	
					2.1	
					171全型	
					1 / =	
Farnes	d(Master) 4	3.0 credits	GPA(Master)	4.25/4.3	Convert into a percentage (Master)	99.50/100
zarnet	4	o.o cicuits	JI A (Mastel)	1.23/7.0	Convertinto a percentage (master)	//.50/100

This official transcript was produced on

Seungbum Hong, Ph.D.

November

Vice President of Academic Affairs, KAIST

Grades and Grade Points: A+=4.3, A0=4.0, A-=3.7, B+=3.3, B0=3.0, B-=2.7, C+=2.3, C0=2.0, C-=1.7, D+=1.3, D0=1.0, D-=0.7, S=Satisfactory, U=Unsatisfactory, R=Retaking, W=Withdrawal \*: English Course \*o \*: Credits transferred from other/foreign universities

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(INTERNET NO) 3524934161263997