


OFFICIAL TRANSCRIPT

Name	CHEN HAOTIAN			Date of Admission	March 02, 2017	
Date of Birth	March 30, 1998	Sex	Male	Date of Graduation	August 26, 2021	
Affiliated Department	Department of Computer Science and Engineering					
Degree Conferred	Bachelor of Science in Engineering					
Program	Engineering Program					
Certificate Registration Number	Seoul Tech202001963					
Course Title	Term	Cr.	Gr.	Course Title	Term	Cr. Gr.
Spring 2017 Presentation in Korean for Foreign Students 3 A0 Selected Readings in Korean for Foreign Students 2 B0 Introduction to Programming(1) 3 B+ Introduction to Computer Engineering 2 A0 Physics and Experiment(general,1) 3 A+ Computational Thinking 2 C0 Credits : 15 GPA : 3.60 100-point scales : 89.7/100				100-point scales : 88.2/100 Fall 2019 Practical English Conversation(1) 1 A0 Engineering Mathematics 3 C+ Computer System Architecture 3 C+ Information Security 3 B0 Computer Graphics 3 B0 Database Programming 3 A+ Basic Engineering Design 3 B+ Credits : 19 GPA : 3.21 100-point scales : 85.3/100		
Fall 2017 Physics and Experiment(general,2) 3 A+ Understanding Politics 3 A+ Introduction to Programming(2) 3 B0 Korean Academic Composition for Foreign Students 3 A0 Korean Expressions for Foreign Students 3 A0 Credits : 15 GPA : 4.00 100-point scales : 94.3/100				Fall 2020 Linear Algebra 3 B+ Project(2) 3 A+ Data Communication 3 B+ Artificial Intelligence 3 B0 Big data Analysis 3 B0 Web Server Programming 3 B0 Credits : 18 GPA : 3.42 100-point scales : 87.7/100		
Spring 2018 Korean Reading and Writing for Foreign Students 2 A+ Discrete Mathematics 3 B+ Calculus(1) 3 A+ Creative Thinking 2 A+ Physics and Experiment(advanced,1) 3 A+ Modern Culture Theory 3 B+ Recognition to Korean History 3 B0 Credits : 19 GPA : 3.95 100-point scales : 93.7/100				Spring 2021 Understanding Korean Culture for Foreign Students 3 A0 Project(1) 3 A0 Computer Network Protocols and Architecture 3 A0 Operating System 3 B+ Credits : 12 GPA : 3.88 100-point scales : 92.9/100		
Fall 2018 Practical English Reading and Writing 2 B0 Logical Thinking 2 B+ Calculus(2) 3 A+ Data Structure 3 B0 Digital System 3 A0 Understanding Korean Language and Culture for Foreign Students 2 A+ Credits : 15 GPA : 3.77 100-point scales : 91.7/100				Total Attempted Credits : 131 Total Completed Credits : 131 Total Grade Points : 473.5 Total Grade Point Average : 3.64 GPA(a 100-point scale) : 90.2 RANK : 10/34 (Graduating major class) **** The End of Transcript ****		
Spring 2019 Understanding Music 2 A0 Presentation & Debate 3 A0 Database 3 A+ Algorithm 3 B0 Object Oriented Programming Language 3 B0 Web Programming 3 C+ Career Design for Employment & Entrepreneurship 1 PASS Credits : 18 GPA : 3.47						
Remarks * 1 credit is equal to one hour of class work per week, per semester or two hours of laboratory work per week, per semester. * 1 semester is equal to 16 weeks and 2 semesters make one academic year. * Grade Point System A+(4.5) A0(4.0) B+(3.5) B0(3.0) C+(2.5) C0(2.0) D+(1.5) D0(1.0) F(0.0) The lowest passing grade is D0(60). * Cr. = Credit, Gr. = Grade. * Grade Label Change: Due to the revision of the university rules on October 1, 2021, Pass/Fail courses will be graded with S(Satisfactory) and U (Unsatisfactory) starting from the Fall 2021 semester.				Date : September 27, 2023  DongHoon Lee President Seoul National University of Science and Technology		

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Name : CHEN HAOTIAN		Date of Admission : September 06, 2021	
Date of Birth : March 30, 1998		Date of Degree Awarded :	
Sex : Male	Degree of Awarded :		
Degree Level : Ph.D		Registration Number of Degree :	
Graduate School : Graduate School		Advisor : Park, Jong Hyuk	
Affiliated Department : Computer Science and Engineering		Major : Computer Science and Engineering	
Title of Thesis A Smart Contract and Digital Twin-based Heuristic Multi-cooperation Scheduling Framework for Smart Manufacturing in IIoT Environments			
Course Title		Cr.	Gr.
2021 2nd Term			
Advanced Database Management Systems	3	A+	
Advanced Ubiquitous Computing	3	A+	
Mobile Network	3	A+	
Completed Credit : 9			
Grade Point Average : 4.50			
2022 1st Term			
Data Warehousing & Data Mining	3	A+	
Seleted Topics in Algorithms	3	A+	
Advanced Smart City & Security	3	A+	
Completed Credit : 9			
Grade Point Average : 4.50			
2022 2nd Term			
Advanced Software Engineering	3	B0	
Advanced computer graphics	3	A0	
Advanced Security in Emerging ICT	3	A0	
Completed Credit : 9			
Grade Point Average : 3.67			
2023 1st Term			
Next Generation Cryptography	3	A+	
Advance Cyber-Physical System Security	3	A+	
Completed Credit : 6			
Grade Point Average : 4.50			
Total Completed Credit : 33			
Total Grade Point Average : 4.27			
Percentage : 97.4/100			
Remarks :		Date : September 27, 2023	
1. One hour of class work per week for 1 semester makes 1 credit.		<div>DongHoonLee</div> <div>DongHoon Lee</div> <div>President</div> <div>Seoul National University of Science and Technology</div> <div>The University was renamed SNUT from the original SNPU(Seoul National Polytechnic University) in May 1998.</div>	
2. 15 weeks make 1 semester and 2 semesters make one academic year.			
3. Grades A+ 4.5 C+ 2.5			
AO 4.0 CO 2.0			
B+ 3.5 F 0			
BO 3.0			
The lowest passing grade point average for graduation is 3.0.			

