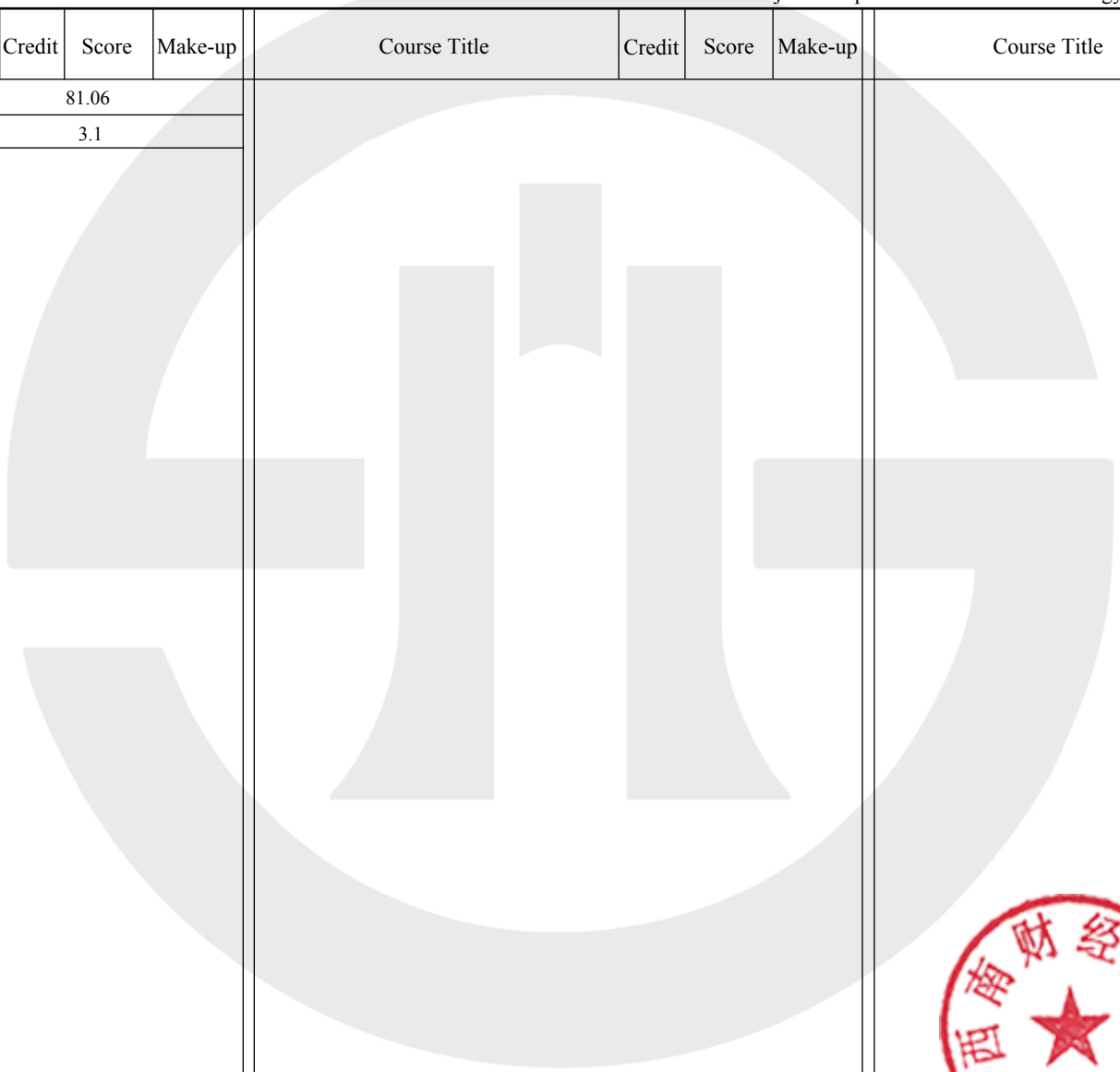# Transcript

Student ID:41710035　　　Name: Jin Xin　　　Grade:2017　　　Major: Computer Science and Technology(Financial Informatization)

Course Title	Credit	Score	Make-up
Academic Year(2017-2018) 1st Term			
Yoga 1	1.0	83	
Logic and Critical Thinking	2.0	90	
Introduction to Computer Science and Technology	1.0	80	
Career Planning and Entrepreneurship Foundation of College Students	2.0	86	
Introduction to Computer	2.0	86	
Object-oriented Programming(JAVA SE)	3.0	78	
Mastery of Ideology and Law Foundation	3.0	87	
Advanced Algebra Ⅰ	4.0	73	
Comprehensive English Ⅲ	4.0	84	
Mathematical Analysis Ⅰ	5.0	79	
C Language Programming	4.0	83	
Academic Year(2017-2018) 2nd Term			
Object-oriented Programming(JAVA EE)	4.0	81	
Yoga 2	1.0	83	
Contemporary International Economy and Politics	2.0	81	
British and American Literature	2.0	70	
Oral English Ⅱ	2.0	74	
Mathematical Analysis Ⅱ	5.0	60	
Discrete Mathematics	4.0	73	
Mathematical Modeling and Experiments	4.0	64	
Academic Year(2018-2019) 1st Term			
Foot Orienteering3	1.0	85	
Sociological Thought and Methods	2.0	73	
Basic Theory of Marxism	3.0	81	
Space Analytic Geometry	4.0	91	
Data Structures	4.0	81	
Digital Logical Circuit	4.0	86	
Composition Principle of Computer and Assembly Language	4.0	75	
Overview of Artificial Intelligence	2.0	86	
Numerical Analysis	4.0	82	

Course Title	Credit	Score	Make-up
Academic Year(2018-2019) 2nd Term			
Foot Orienteering4	1.0	83	
Mental Health and Career Development of College Students	2.0	81	
A History of Scientific Technology	2.0	86	
Current Situation and Policy	2.0	84	
Probability Theory	3.0	74	
Outline of Chinese Current and Modern History	3.0	66	
Mathematical Analysis Ⅱ（Science）	6.0	69	
Macroeconomics	3.0	81	
Operating System	4.0	87	
Computer Networks(English)	4.0	83	
Algorithm Analysis and Design	4.0	93	
Partial Differential Equations	3.0	61	
Academic Year(2018-2019) 3rd Term			
Project Management and Development Training	2.0	85	
Blockchain Technology and Encrypted Digital Currency	2.0	95	
Academic Year(2019-2020) 1st Term			
Military Theory and Training	2.0	71	
Probability Theory（Science）	4.0	83	
Maoism and Socialism with Chinese Characteristics Theories	5.0	81	
Monetary Finance	3.0	80	
Database Theories and Application	4.0	76	
Principle of Compiling	4.0	88	
Financial Management	4.0	95	
Accounting	4.0	80	
Music Appreciation	2.0	92	
Optimization Theory	3.0	86	
Academic Year(2019-2020) 2nd Term			
Statistics	3.0	70	
Microeconomics	3.0	75	
Political Economics	4.0	86	

Course Title	Credit	Score	Make-up
Cost and Managerial Accounting	4.0	80	
Accounting Information System	4.0	85	
Data Mining	4.0	98	
Stochastic Process	4.0	87	
Network Information Security (English)	4.0	71	
Intermediate Financial Accounting	5.0	78	
Intermediate Macroeconomics	3.0	81	
Web Information Mining Technology	4.0	91	
Information Theory	4.0	88	
Real Variable Function Analysis	3.0	79	
Academic Year(2020-2021) 1st Term			
Innovation, Entrepreneurship and Social Practice	6.0	87	
Complex Functions	3.0	76	
Fundamentals of Management	3.0	84	
Functional Analysis	3.0	74	
Advanced Financial Accounting	4.0	79	
Financial Market Investment	4.0	83	
Auditing	4.0	76	
Mobile Technology Development and Entrepreneurship	4.0	89	
Financial Stochastic Analysis Ⅱ	3.0	87	
Academic Year(2020-2021) 2nd Term			
Dissertation(Double Degree)	4.0	79	
Dissertation	6.0	80	
Graduation Internship	6.0	84	
College English Writing	4.0	81	
Grade Examinations			
CET4		560	
CET6		479	
Foreign language comprehensive performance		78	
End of the transcript			
Total Credits Obtained		262.0	

Course Title	Credit	Score	Make-up	Course Title	Credit	Score	Make-up	Course Title	Credit	Score	Make-up
Average Score		81.06									
GPA		3.1									

西南财经大学本科生成绩单相关说明

Clarification of SWUFE Undergraduate Academic Transcript

1.平均学分绩点计算公式 (GPA Formula)

平均学分绩点= Σ (成绩绩点×课程学分) / Σ 课程学分

GPA = Σ (course grade point × course credits)/ Σ course credits

2.平均分计算公式 (Average Score Formula)

平均分= Σ 成绩/课程数

Average Score= Σ course percentage score/course number

3.百分制与成绩等级、学分绩点的对照表 (Comparison Table of Percentage Score with Grades and Grade Point)

成绩等级 Grades	学分绩点 Grade Point	百分制 Percentage Score
A+	4.5-5.0	95-100
A	4.0-4.4	90-94
A-	3.5-3.9	85-89
B	3.0-3.4	80-84
B-	2.5-2.9	75-79
C	2.0-2.4	70-74
C-	1.5-1.9	65-69
D	1.0-1.4	60-64
E	0	＜60

![Technische Universität Berlin logo]

Straße des 17. Juni 135
10623 Berlin

Transcript of Records

Student's name:	Xin Jin
Date and place of birth:	06.02.1999 in Sichuan
Expected degree:	Master
Registration number:	474369

Study and Examination Regulations 2020

Innovation in Information and Communication Technology

No. of Exam	Name of Exam	Term	Date of Exam	Grade	Status	Credits	Exam attempt
9998	**Innovation in Information and Communication Technology 2020**					**78,0**	
20000	**Minor Subject**					**25,0**	
21000	**Innovation & Entrepreneurship**					**25,0**	
21100	**Compulsory Modules - Innovation & Entrepreneurship**					**19,0**	
64230	**Innovation Management & Entrepreneurship Basics**					**6,0**	
		Winter 21/22	28.02.2022	1,0	BE	6,0	1
2346552	**Venture Campus - ICT Innovation**					**9,0**	
		Summer 22	14.07.2022	1,7	BE	9,0	1
2349881	**Summer School**					**4,0**	
		Summer 22	30.09.2022	2,7	BE	4,0	1
21200	**Compulsory Elective Modules - Innovation & Entrepreneurship**					**6,0**	
2133200	**Innovation Marketing**					**6,0**	
		Summer 22	17.06.2022	3,0	BE	6,0	1
30000	**Specialization**					**33,0**	
31000	**Autonomous Systems**					**33,0**	

Berlin , 10. 08. 2023

Transcript of Records

No. of Exam	Name of Exam	Term	Date of Exam	Grade	Status	Credits	Exam attempt
31100	**Compulsory Modules - Autonomous Systems**					**18,0**	
6320	**Discrete Event Systems**					**6,0**	
		Winter 21/22	03.03.2022	3,0	BE	6,0	1
2345252	**Machine Intelligence I / Neural Information Processing I**					**6,0**	
		Winter 21/22	01.03.2022	3,3	BE	6,0	1
2345268	**Machine Intelligence II / Neural Information Processing II**					**6,0**	
		Summer 22	14.10.2022	3,3	BE	6,0	1
31200	**Compulsory Elective Modules - Autonomous Systems**					**15,0**	
2347308	**Applications of Robotics and Autonomous Systems**					**9,0**	
		Winter 21/22	28.02.2022	1,3	BE	9,0	1
2348641	**Vehicle-2-X Communication and Controls**					**6,0**	
		Summer 22	05.08.2022	2,3	BE	6,0	1
40000	**Elective Modules**					**20,0**	
90010	**Elective module 1**					**10,0**	
	Discrete and Computational Topology	Summer 22	30.08.2022	2,3	BE	10,0	1
90020	**Elective module 2**					**10,0**	
		Summer 22	22.07.2022	2,7	BE	10,0	1

A right to take examinations at Technische Universität Berlin still applies for the above degree program.

Berlin , 10. 08. 2023

annotation

* acknowledged exam
EMP replaced exam

description of grade system used at your higher education institution:

1,0 / 1,3 / 1,5	very good
1,7 / 2,0 / 2,3 / 2,5	good
2,7 / 3,0 / 3,3 / 3,5	satisfying
3,7 / 4,0	sufficient
5,0	insufficient

Status:

BE passed
NB failed
EN finally failed

This document was created automatically and is valid without a signature.
Additional amendments need to be authorized by the Examination Office of TU Berlin.

Verification no.: DU9WMRGCGSBR

To verify this certificate please visit the following website :
www3.ib.tu-berlin.de/verify

Official Transcript of Records

Name	Personal identity number
Xin Jin	19990206-T325

Completed courses

Name	Scope	Grade	Date	Note
Embedded Systems	7.5 hp	E	2022-10-21	1
ICT Innovation Study Project	6.0 hp	B	2022-12-23	1
Research Methodology and Scientific Writing	7.5 hp	C	2023-01-16	1
Information Theory and Source Coding	7.5 hp	A	2023-04-05	1

Summation

Total	included credited parts	Credited education
28.5 hp		

Notes and information

60 credits (hp) represent a full academic year. The system is compatible with ECTS credits (the European Credit Transfer System) as one credit is equal to one ECTS credit.

1   Grading scale: Excellent (A), Very Good (B), Good (C), Satisfactory (D), Sufficient (E), Not satisfactory (FX), Failed (F)

The above is an excerpt from the student registry.