TSINGHUA UNIVERSITY
ACADEMIC TRANSCRIPT

Student Name Zhen Kai

Gender Male **Student No.** 2012210889 **Student Type** Graduate **Date of Admission** September, 2012

School/Department Department of Computer Science and Technology **Subject** Computer Science and Technology

Course Number	Course Title	Credit	Degree Course	Grade	Year-Semester
60240013	Combinatorics	3	Y	88	2012-Autumn
60680012	Theory and Practice of Socialism with Chinese Characteristics	2	Y	94	2012-Autumn
60680021	Introduction to Dialectics of Nature	1	Y	97	2012-Autumn
70240023	Computer Network Architecture	3	Y	94	2012-Autumn
70240243	Computer Graphics	3	Y	98	2012-Autumn
60240063	Personal Computer Interface Technology	3	Y	95	2013-Spring
70240193	Algorithms and Its Complexity Theory	3	Y	80	2013-Spring
80240622	Computational Advertising	2	Y	Pass	2013-Spring
60240083	Advanced Computer Network	3	Y	96	2013-Autumn
69990021	Literature Review and Thesis Proposal	1	Y	89	2014-Spring
69990031	Academic Discussion	1	Y	Pass	2014-Spring
80245013	Machine Learning	3	N	88	2013-Autumn
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Total Credits: 28 **Degree Course Credits: 25**

Director of Registration Office:

Official Seal:

Date Printed: October 8, 2014

成绩单简要说明

1. 课程编号由 8 位字符组成，首字符表示其课程类型：
   0-5 或 H-T 为本科生课程；6-9、A-G 或 U-Z 为研究生课程
2. 课程成绩记载类型：
   （1）百分制：满 60 分为及格，取得课程学分
   （2）优秀、通过、不通过（适用于本科生）：优秀、通过，取得课程学分
   （3）通过、不通过（适用于研究生）：通过，取得课程学分
   （4）免修：本科生免修课程可取得课程学分
   研究生免修课程或环节可取得相应学分或者免修但学分为 0
   （5）重修：在成绩单中只记载最新一次重修成绩，并标注“重 n”表示重修 n 次
3. 学分：原则上课内 16 学时记为 1 学分
4. 成绩数据以“**********”表示结束
5. 毕业年月和学位：毕业前，毕业年月处空白，获得学位处为“**********”

KEY TO TRANSCRIPT

1. COURSE NUMBERING SYSTEM
   Each course number consists of 8 characters.
   The first character indicates the course level:
   0-5 or H-T = undergraduate courses
   6-9, A-G or U-Z = graduate courses
2. GRADING SYSTEMS
   (1) 100-POINT SYSTEM
   Credits are given for 60 points and above.
   (2) DISTINCTION/PASS/FAILURE SYSTEM (for undergraduate students)
   Credits are given for DISTINCTION and PASS.
   (3) PASS/FAILURE SYSTEM (for graduate students)
   Credits are given for PASS.
   (4) EXEMPTION
   Undergraduate students obtain credits for exempted courses.
   Graduate students may or may not obtain credits for exempted courses.
   (5) REPEATED COURSE
   The transcript displays only the latest result of a repeated course.
   Repeated courses are designated with an “Rn” code, where “n” indicating the number of times the course was repeated.
3. CREDIT
   Credit is basically reported in terms of semester hours, whether earned during a 16-week semester or a summer session. For 1 unit of credit, approximately one hour per week is allotted to lecture or discussion and more hours for preparation or subsequent reading and study.
4. THE RECORD ENDS WITH **********.
5. DATE OF GRADUATION and DEGREE CONFERRED
   For currently enrolled students, the column of DATE OF GRADUATION is blank and the column of DEGREE CONFERRED is **********.

清华大学注册中心

Office of Registration, Tsinghua University
Beijing 100084
P. R. China
E-mail: zczx@mail.tsinghua.edu.cn

Xidian University Student Record

Student No	13081343	Name	ZHEN Kai	Sex	Male
Date of Birth	July,1988	Nationality	China	Date of Enrollment	Aug.,2008
Date of Graduation	July,2012	Department	School of Software		
Speciality	Software Engineering	Degree	Bachelor	School Years	4

COURSES	CREDIT	First Academic Year		Second Academic Year	
		2008~2009		2009~2010	
		TERM1 SCORE	TERM2 SCORE	TERM1 SCORE	TERM2 SCORE
Conspectus of Modern History of China	2	76			
Cultivation of Ethic Thoughts and Fundamentals of Law	3	86			
Advanced Mathematics	12	82	89		
Introduction to Computer	3.5	91			
Creativity Methodology	2	80			
Electrical Engineering Fittings	1	87			
Military Theory	2		90		
Fundamental Principles of Marxism	3		93		
Engineering Graphics and Computer Graphics Drawings	3		85		
Linear Algebra	3		84		
Object-Oriented Programming	3.5		90		
College English	16	89	88	88	89
Physical Education	1	95	92	80	96
General Physics	8		89	96	
Practical Oral English (Advanced)	2			90	
Mao Zedong and Deng Xiaoping Theory,Three Representatives	6			91	94
Introduction to Economy Law	2			88	
Physical Experiments	2			78	
Probability Theory and Statistics	3			100	
Fundamentals of Circuits and Electronic Techniques	4.5			93	
Discrete Mathematics	4			84	
Introduction to Software Engineering	2.5			88	

COURSES	CREDIT	Second Academic Year		Third Academic Year	
		2009~2010		2010~2011	
		TERM1 SCORE	TERM2 SCORE	TERM1 SCORE	TERM2 SCORE
Course Design for Programming	1	A			
Mathematical Modeling	2		92		
Signal and System	3		96		
Digital Circuits and Systems Design	4		99		
Data Structures	4		94		
Numerical Analysis	2.5		94		
CET-4	2		614		
Computer Organization and Architecture	6		92	98	
Art of Prelection and Speechcraft	2			93	
Argumentation Art	1			85	
Operating System	4			96	
Computer Network	3.5			94	
The Design and Analysis of Computer Algorithms	3			99	
Software Engineering Economics	2			99	
Network Multimedia	2.5			93	
UML Modeling	2			85	
Intellectual Property Right and Software Protection	2			86	
CET-6	3			583	
Computer Organization and Architecture Course Design	1			B	
Operating System Course Project	1			A	
Employment Guidance	1.5				Pass
Introduction to Database System	3				86
Principles of Compiler	3.5				96
Software Architecture	2.5				97
Network Program Design	3				95
Embedded System Structure and Design	3				90

COURSES	CREDIT	Third Academic Year		Fourth Academic Year	
		2010~2011		2011~2012	
		TERM1 SCORE	TERM2 SCORE	TERM1 SCORE	TERM2 SCORE
Embedded Operating System	2		94		
Software Process and Projects Management	2.5			98	
Developing Environments and Tools for Embedded System	2.5			93	
Project Design in Embedded System	2			Pass	
Software Development Technology	3				73
Research Paper	16				A
Seal of the University					