

Application for Admission Academic Year 2013-2014

1. Personal Information

Last or Family name: Jin

First: Zheyu Middle: _____

Other last/family names under which academic records may be listed (i.e. maiden name): _____

Gender: Male Date of birth: 04/04/1988 (MM/DD/YYYY)

US citizenship status: International - Visa Needed Country of citizenship: China

Country of birth: China Military status: N

For US Citizens and Permanent Residents only: Are you Hispanic or Latino? No

If you answered NO to the above question, please indicate your ethnic group: Korean

Regardless of how you answered the above questions, you may select another ethnic group: Chinese

2. Program Information

Proposed department/degree: Computer Science - M.S.

Specializations: Artificial Intelligence - MS

Particular research interests: Computational Economics

Faculty mentioned: Ronald Parr, Carlo Tomasi, Vincent Conit

Intended entry term: Spring 2013 List other department(s) to which you applied _____

Other schools to which you applied: Purdue; U Waterloo

Attendance status: Full-Time Exchange program? _____ Which one? _____

If the department to which you are applying cannot offer you admission and/or they feel you are a candidate for a different program, may we consider your application for other appropriate programs? _____

Please tell us the factor(s) that most influenced your decision to apply: Social media

If you checked other, please describe: _____

3. Education

Name of Institution	City/Country	Dates Attended (From / To) MM/YYYY	Degree / Major	Date Received or Expected
BEIJING INSTITUTE OF TECHNOLOGY	BEIJING CHN	09/2006 / 07/2010	BACHELOR Software Engineering	07/05/2010
		/		
		/		
		/		
		/		

Additional schools attended: _____

UGPA: 3.3 Scale: _____

GGPA: _____ Scale: _____

Applicant is Phi Beta Kappa? _____

Courses in Progress

Course Title	Instructor	Dates	Credit
		/	
		/	
		/	
		/	

What is your native (or first) language? Korean

Other languages spoken:

Language	English	Chinese		
Rating	Excellent	Excellent	Korean	

4. Recommendations

Last Name	First Name	Title/Department	City,	Country
Lim	Il-Taek	Dr.	Seoul	Republic of Korea
Sun	Jianwei	Dr.	Beijing	China
Yoo	Sung-Hyun	Mr.	Seoul	Republic of Korea

Last Name, First Name Jin Zheyu

5. Standardized Tests

GRE

Date Taken/Scheduled			Quantitative	Verbal	Writing
06/06/2009	GRE	Score	800	400	3.0
		Percentile	94 %	28 %	11 %
	Revised GRE	Score			
		Percentile	%	%	%

GRE Subject Test

Date taken/scheduled: _____

	Subject Test	Total Score	Subscore1	Subscore2	Subscore3
Score					
Percentile	%	%	%	%	%

TOEFL

Date taken/scheduled: 07/15/2012

Total Score	Reading	Listening	Speaking	Writing
105	28	26	24	27

IELTS

Date taken/scheduled: _____

Overall Band Score	Reading	Listening	Speaking	Writing

GMAT (Business only) Date taken/scheduled: _____ Total GMAT score: _____

MCAT (Global Health only): AAMC id: _____ Verification code: _____

Total Score	Physical Sciences	Writing Sample	Biological Sciences	Verbal Reasoning
	/		/	/

6. Financial Aid

Would you like to be considered for Financial Aid? Yes

If you have applied for/recieved external funding, indicate the source

	Employer	Foreign Government	Fulbright	NSF	US Military	Vietnam Ed. Foundation	Other
Applied							
Received							

If you checked other, please describe:

If no financial aid is received from Duke, will you still be able to attend? YesLast Name, First Name Jin Zheyu

7. Employment and Background

Employment History

Firm or Organization	Job Title / Type of Work	Inclusive Dates
Nexstreaming Corporation	Software Engineer/ Fulltime	10/2010 / 10/2012
Baidu, Inc.	Business Analyst/ Intern	04/2010 / 05/2010
		/

Have you been dismissed or placed on probation (if yes, see additional information)? N

Have there ever been charges of ethical/professional misconduct (if yes, see additional information)? N

Have you been convicted of a criminal offense, or are there charges pending (if yes, see additional information)? N

8. Contact Information

Email address: kimcherwoo@gmail.com Phone: 82 0108301017 Alternate phone: _____

Mailing Address

Valid until: 03/15/2013

Street address: 2nd Flr, Gwangseong Bldg, 831-47Yeoksamdong Gangnam-gu

City: Seoul State: _____ Country: KOR Zip: _____

Permanent Address

Street address: 2nd Flr, Gwangseong Bldg, 831-47Yeoksamdong Gangnam-gu

City: Seoul State: _____ Country: Republic of Korea Zip: _____

Emergency Contact Information

Emergency contact: _____ Phone: _____

Relationship: _____ Email: _____

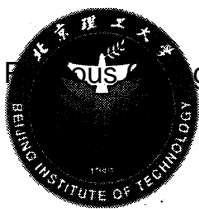
I authorize the following person to receive information (including decision status) regarding this application:

Name: _____ Relationship: _____

I certify that the information contained in this application, in the statement of purpose, and in the supporting documents is complete and accurate, and I understand that submission of inaccurate information may be sufficient cause for denial of admission or termination of enrollment. I further authorize Duke University to contact recommenders, institutions attended, or employers to obtain any information related to this application for graduate study.

Name: _____ Date: _____

Last Name, First Name Jin Zheyu



STUDENT ACADEMIC RECORD (TRANSLATION)

NAME: Jin Zheyu

PERIOD OF STUDY: 2006.9-2010.7

DEPARTMENT: Software Engineering

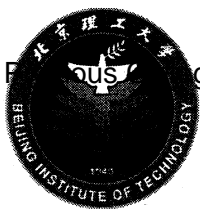
SPECIALITY: Software Engineering

DEGREE: Bachelor of Engineering

STUDENT No.: 20062777

NO.	COURSE TITLE	CREDITS (HOURS)	RECORD							
			I		II		III		IV	
			1	2	1	2	1	2	1	2
1	Calculus	11	75	92						
2	Linear Algebra	3	81							
3	C Language Programming	3	81							
4	College English	8	83	77						
5	Oral English	4	84	79						
6	Law of Intellectual Property Rights	1	86							
7	Physical Education	4	90	87	94	94				
8	Discrete Mathematics	3.5		71						
9	Military Theory	1		79						
10	Military Training	1.5		80						
11	Elementary Accordion	2		90						
12	Fundamentals of Website Development	2		82						
13	User Interface Programming Basis	2			90					
14	Data Structure & Algorithm Design	4			91					
15	Digital Circuit & Digital Logic	2.5			71					
16	Probability & Mathematical Statistics	3			76					
17	Business English	2			85					
18	Digital Art Design Basis	2			88					
19	Basic Software Practice	2.5				79				
20	Practice on Application System Development	2.5				78				
21	Introduction to Software Engineering	2				76				
22	Communication & Cultivation of Professional Qualities	1				87				
23	Computer Organization & Architecture	4				87				
24	Assembly & Microcomputer Interface Technology	3				82				
25	Plant & Health	2				91				
26	Reading of College English (Level 6)	2				85				
27	Object-Oriented Programming (JAVA)	2.5				81				
28	SQL Server 2000 Programming	3				82				
29	Fundamentals of Artificial Intelligence	2				84				
30	Database Principle & Design	3					77			
31	Operating System	3					89			
32	Computer Network	3					84			
33	Software Requirement Engineering & Modeling	2.5					82			
34	Algorithms Analysis & Design	2					88			
35	.Net-Oriented Web Application Programming	3					80			
36	Web Development Base on JAVA	2					80			
37	Software Project & Process Management	3						80		
38	Compilation Principle & Design	4						81		

NOTE: minor courses are marked with *.



STUDENT ACADEMIC RECORD (TRANSLATION)

NAME: Jin Zheyu

PERIOD OF STUDY: 2006.9-2010.7

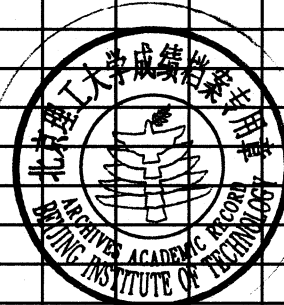
DEPARTMENT: Software Engineering

SPECIALITY: Software Engineering

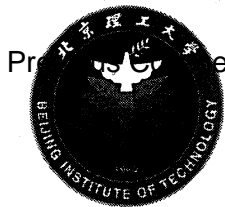
DEGREE: Bachelor of Engineering

STUDENT No.: 20062777

NO.	COURSE TITLE	CREDITS (HOURS)	RECORD							
			I		II		III		IV	
			1	2	1	2	1	2	1	2
1	Practical Software Engineering Practice	2						90		
2	Distributed System Development & Practice	3						90		
3	Requirement analysis & Solution Design Based on .NET	2						95		
4	J2EE Architecture & Application	3						83		
5	Game Development Base on Artificial Intelligence	2						87		
6	Marxism Basic Principle	3							85	
7	Practice on Project Development	4							86	
8	Animation Scripting & Render	3							82	
9	Software Design Patterns	2							85	
10	Situation & Policy	2								89
11	Bachelor Degree Project & Thesis	16								85
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NOTE: minor courses are marked with *.



学 生 学 习 成 绩 单

姓名：金哲宇

学习时间：2006.9-2010.7

系别：软件工程

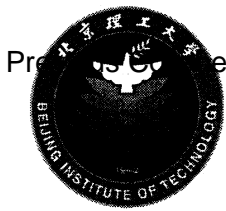
专业：软件工程

学位：工学学士

学号：20062777

序号	课程名称	学时 (学分)	成 绩							
			I		II		III		IV	
			1	2	1	2	1	2	1	2
1	微积分	11	75	92						
2	线性代数	3	81							
3	C语言程序设计	3	81							
4	大学英语	8	83	77						
5	英语口语	4	84	79						
6	知识产权法基础	1	86							
7	体育	4	90	87	94	94				
8	离散数学	3.5		71						
9	军事理论	1		79						
10	军事训练	1.5		80						
11	手风琴入门	2		90						
12	网站开发基础	2		82						
13	用户界面设计基础	2			90					
14	数据结构与算法设计	4			91					
15	数字电路与数字逻辑	2.5			71					
16	概率与数理统计	3			76					
17	商务英语	2			85					
18	数字艺术设计基础	2			88					
19	软件基础实习	2.5				79				
20	应用系统开发实践	2.5				78				
21	软件工程基础	2				76				
22	沟通与职业素质培养	1				87				
23	计算机组成与体系	4				87				
24	汇编与微机接口技术	3				82				
25	植物与健康	2				91				
26	大学英语6级阅读	2				85				
27	面向对象程序设计(JAVA)	2.5				81				
28	数据库程序设计—SQL Server 2000数据库设计	3				82				
29	人工智能基础	2				84				
30	数据库原理与设计	3					77			
31	操作系统	3					89			
32	计算机网络	3					84			
33	软件需求工程与建模	2.5					82			
34	算法分析与设计	2					88			
35	面向.NET的WEB应用程序设计	3					80			
36	JAVA WEB开发	2					80			
37	软件项目与过程管理	3						80		
38	编译原理与设计	4						81		

说明：标*的为辅修课程；北京理工大学（原北京工业学院）。



学 生 学 习 成 绩 单

姓名：金哲宇
系别：软件工程
学位：工学学士

学习时间：2006.9-2010.7
专业：软件工程
学号：20062777

序 号	课程名称	学时 (学分)	成 绩							
			I		II		III		IV	
			1	2	1	2	1	2	1	2
1	实用软件工程实践	2						90		
2	分布式系统开发与实践	3						90		
3	基于.NET的需求分析和解决方案设计	2						95		
4	J2EE架构与应用	3						83		
5	人工智能游戏开发	2						87		
6	马克思主义基本原理	3							85	
7	项目开发实习	4							86	
8	动画脚本与渲染	3							82	
9	软件设计模式	2							85	
10	形势与政策	2								89
11	毕业设计(论文)	16								85
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说明：标*的为辅修课程；北京理工大学（原北京工业学院）。

Jin Zheyu

Male, 24
Nationality: China
Email: kimcherwoo@gmail.com
Mobile: (+82)010-8301-0173
Work: (+82)02-2194-5187

Nexstreaming Corporation
2nd Flr, Gwangseong Bldg,
831-47Yeoksamdong Gangnam-gu
Seoul, South Korea.
Postcode: 135-080

Objective Master of Computer Science.

Education **Bachelor of Engineering**
Beijing Institute of Technology (BIT), Beijing, China, 2010
Major: Software Engineering
GPA: 3.3/4.0

Employment **Software Engineer** October 2010 - Present
Platform 1 Team, Nexstreaming Corporation, Seoul, South Korea

- Ported embedded NexPlayer to Samsung and LG android devices.
- Developed NexPlayer Hardware SDK, which utilizes chipset's built-in video and audio decoder.

Assistant Analyst (intern) April 2010 - May 2010
Department of Business Analysis, Baidu Inc., Beijing, China.

- Analyzed business model and profit structure of several target companies.

Language Skills **English:** TOEFL IBT 105(Reading26, Listening 28, Speaking 24, Writing 27)
Chinese: native
Korean: native

Leadership Involvement **Leader of an amateur soccer team of 20 people.** August 2011 - Present

- Arranged training and match schedules, and managed team fund.
- Learned and practiced various communication skills and ways to implement my decisions.

Research Activities **Leader of Robocup 2D simulation team.** August 2009 - December 2009

- Developed a Robocup 2D simulation team for Robocup ChinaOpen2009 with a group of peers.
- Learned basic knowledge of Artificial Intelligence and how to lead peers toward a common goal.

Extra-Curricular Activities **Volunteer of 2008 Beijing Olympic.** July 2008 - August 2008
Worked as assistant manager of Press Conference Room in Wukesong Basket Ball Stadium.

Professional Skills *Languages :* C/C++, Java, Python, GO
Operating Systems: Linux, Windows.

**Honors and
Awards**

3rd Place in Robocup ChinaOpen2009, December 2009

Renmin Scholarship of BIT(3rd class), January 2009

Renmin Scholarship of BIT(3rd class), September 2008

Renmin Scholarship of BIT(3rd class), January 2008

Renmin Scholarship of BIT(2nd class), September 2007

Renmin Scholarship of BIT(3rd class), January 2007

Applicant Copy

Zheyu Jin**Goals**

My long-term goal is to work as a research engineer in one of the leading organizations in IT industry. After working for 2 years in the industry, I realized that my prior undergraduate education is insufficient to realize this goal and therefore, I would like to pursue a further education in computer science. Consequently, my current short-term goal is to earn a master's degree in computer science at a world-class university.

Areas of Interests

The area that strongly interests me is the artificial intelligence, specifically data mining, machine learning, and natural language processing. I would like to study artificial intelligence because it is the major field of research in industry and it is going to play a vital role in future IT systems.

CS Background

Through four year's undergraduate education in School of Software at Beijing Institute of Technology, one of the premier universities in China, I had firmly grasped fundamentals in computer science. My curriculum covered classical computer science courses like programming languages, compiler theories, operating systems, computer networks, and computer architectures. Furthermore, by attending various programming contests and projects, I also gained practical programming skills.

Industry Experience

Currently I have been working as a software engineer for two years at Nexstreaming Corporation in South Korea, which is the global leader of mobile multimedia solution. I believe this experience has made me a professional and helped in further developing my capabilities, such as programming skills, overall comprehension of computer systems, communication skills and emotional maturity to carry out complex jobs with multiple people, which surely will be a plus to my success in a graduate school.

Why Duke?

I first heard about the Duke University from my university classmates, and through searching the internet I found that the Duke University is renowned for its high academic reputation, respectable faculties and brilliant students. With the Research Triangle Park nearby, students at Duke can also take advantage of various intern opportunities and academic cooperation between Duke and industry parties. What also strongly interest me are Duke's active research groups and abundant opportunities to receive financial aids. Realizing that the environment is vital to the development of a person, I would definitely choose the Duke University, which provides the most favorable environment, to carry out my graduate study.

Conclusion

As the first generation of my family to attend a college, I realized how important my undergraduate education is. Also, I can envision what a graduate education means to my future life and career. Therefore I am keen to seize this opportunity to undergo a systematic education. Hope I could be given a favorable consideration for admission to your graduate program.

Applicant Copy