Northwestern | THE GRADUATE SCHOOL

Application for Admission

App Type **New Student**

Submitted Date **11-29-2018**

App ID# **79292703**

Intended Status **Full-time**

Entry Quarter **Fall 2019**

Prior TGS Applicant (Program)

Last Name **Lin**

First **Junxiong**

Middle

Gender Pronouns (US only)

Birthdate **08-23-1997**

Gender **Male**

Program **Computer Science: MS**

Specialization/Area of Interest **Systems and Networking**

Cluster

Secondary PhD (MEAS Only)

MS Consideration (MEAS Only)

JD/PhD **No**

DPT/PhD **No**

Fee Waiver

US Vet/Active Forces

Ethnicity **Asian**

Hispanic **No**

Citizenship **CHINA**

Visa

Citizenship Status **International Student**

Country of Birth **CHINA**

Green Card #

Current Address

Room 601, Apt 7
Mingchengshiji Garden, 182 West Fenghuang St
Nanjing, 210000
CHINA

Permanent Address

Room 601, Apt 7
Mingchengshiji Garden, 182 West Fenghuang St
Nanjing, 210000
CHINA

Current Phone **+86 18867156356**

Permanent Phone

Cell Phone

Preferred Phone Number **Current Phone Number**

Email Address **linjunxiong1997@zju.edu.cn**

Previous Institution	From	To	Field of Study	Level	Degree	Date
Zhejiang University	**09-01-2015**	**06-30-2019**	**Computer Science and**		**International Undergraduate Degree**	**06-30-2019**

Cumulative UG GPA	**3.63**	UG Junior/Senior Year GPA	**3.80**
Cumulative UG GPA - Unconverted		Max UG GPA Scale	
Cumulative Grad GPA			
Cumulative Grad GPA - Unconverted		Max Grad GPA Scale	

Letters of Recommendation

1. **Lidan Shou** **should@zju.edu.cn**
2. **Wenhu Qin** **qinwenhu@seu.edu.cn**
3.
4.
5.

Are you interested in studying with specific faculty members? (List names below)

1. First Name Last Name
2. First Name Last Name
3. First Name Last Name
4. First Name Last Name

Please indicate the highest level of education completed by your parent(s) or guardian(s) (the one or two people most responsible for raising you)

First individual's highest level of education completed: **Graduate or professional degree**

If other, please explain:

Second individual's highest level of education completed: **Bachelor's degree or equivalent**

If other, please explain:

Language	Reading	Writing	Speaking

Self-Reported Test Scores

GRE Gen	**06-15-2018**	Verbal	**156**	**73**	Quant	**170**	**96**	A.W.	**3.0**	**17**	
GRE Sub								LSAT			
TOEFL	**11-10-2018**	Ovr	**104**	Read	**28**	List	**27**	Speak	**23**	Writ	**26**
IELTS		Ovr									
GMAT		Tot			Verb			Quant			
A.W.			I.R.								
MCAT		Bioscience			Verbal			Physical Science			

Please list any honors you have been awarded

National:

Second Prize, National Mathematical Olympiad in Senior 2014

Second Prize, National Olympiad in Informatics in Provinces, High School Group 2013

First Prize, National Olympiad in Informatics in Provinces, High School Group 2012

First Prize, National Olympiad in Informatics in Provinces, Middle School Group 2010

Intra-school:

Third Prize, 17th Zhejiang University Programming Contest, 2015

Have you applied for or been awarded an external fellowship?

Yes ○ No ⊗ If yes, please specify;

Please describe your plans for the future.

I wish to advance my knowledge through your graduate program and join a leading internet company after my graduation. In the long run, I wish to be a technical leader and possibly start my own company.

Other Universities Applied (in preferred rank order)

1. School Drop Down
2. School Drop Down
3. School Drop Down
4. School Drop Down
5. School "other"
6. School "other"
7. School "other"
8. School "other"

Academic misconduct? Yes ○ No ⊗ Convicted of crime? Yes ○ No ⊗

If answered yes, applicant is asked to upload explanation. If uploaded, explanation will be attached to end of application PDF.

Ever since my primary school year, I had grown a strong interest toward information technology. By participating in a series of national-level competitions, I won numerous awards in National Olympiad up till high school. As my fascination toward IT deepened, I followed my curiosity to pursue undergraduate studies in the field of computer science at one of the top schools in China – Zhejiang University (ZJU).

Through the comprehensive coursework in computer organization, computer architecture and computer networks, I grasped a solid foundation in the computer operating mechanisms and principles, and hence better prepared myself for the applications of CS, in the area of game design, app design, compiler analysis and database design, etc. To me, solving practical problems through programming was a rewarding process. In a computer graphics project, I accomplished a 3D version of a massively multiplayer action game Agar.io based on JavaScript and WebGL, with the rendering of the bubbles and animation environments. In a Java application project, I designed an android notepad app with the function of note, reminder and map. In a database design project, I completed a relational database in C++, with B+ tree to realize the index. My other projects included the collaborated teamwork in a racing game design and a Tiger language compiler analysis. These projects experience greatly enhanced my programming skills in C, C++, JAVA, JavaScript, Python and SQL, as well as strengthened my knowledge in the field of computer graphics, algorithm design, database design and Android app development.

Besides performing well in academics, I also devoted myself into undergraduate research. Through a technology training program on campus, I contributed to the establishment of a local area website on technology news. Working with my roommate, we designed that website which could present the briefing of trending technology news and demonstrated it in comprehensive ways such as word cloud and histograms, etc.. As group member, I contributed to another website which gained wide popularity among the students. We assumed tasks according to our strengths and scheduled bi-weekly meetings to keep trace of the progress. In our website, we integrated a few functions such as Box, Mobile, Share, Notice, Tide and News, and conducted web troubleshooting and maintenance tasks. It was a great success and attracted over 5000 registered users so far, a fairly good achievement for a local area web. This research experience enhanced my collaboration skill and my ability to work well in a group environment. Also, I interned at a lab in Southeast University to assist Prof. Wenhu Qin in the research of route planning algorithm and object recognition, through which I enhanced my research capability and team cooperation skill.

For the purpose of better preparing myself for future graduate studies in the US, I applied for the 2017 summer exchange program at UCLA and immersed myself in a completely different educational and living environment. Though I only took two fundamental courses in mathematics and economics due to class restrictions, I cherished the opportunity to communicate with classmates (who were from all over the global) through discussion sessions and group projects, and the chance to express my

ideas in front of the class through presentations. I believe my summer grades somehow reflected my ability to adapt to the educational environment in the US, and hopefully, will aid me for the application to your renowned Computer Science program.

Aspired to apply my academic knowledge into practical use, I interned at the Nanjing branch of Oracle China in summer 2018. After the internal training program, I gained better understanding toward Oracle software principles and structures. My main project was on the data analysis toward customer behaviors and products, to provide better guidance for the marketing department. After the summer internship program, I further joined the Nanjing R&D center of Oracle as a network application intern for 4 months, through which I learned about the complete software development cycle. As a result, I wish to advance my knowledge through your graduate program and join a leading internet company after my graduation. In the long run, I wish to be a technical leader and possibly start my own company.

Northwestern University is my desired dream school, for your comprehensive coursework in the various areas of computer science – **systems and networking, artificial intelligence and machine learning**, and the opportunity to conduct research with world-renowned professors. Moreover, the accelerated 4+1 BS&MS program between NWU and ZJU offers intensified workload and saves one academic year of study. I believe your distinguished Computer Science program would provide a perfect platform for me to realize my goal. Therefore, I wish to be part of your vibrant community!

浙江大学学生成绩一览表

登记号：20183250

姓名：林钧雄	院系：计算机科学与技术学院		专业：计算机科学与技术		学号：3150104418
性别：男	生日：1997年08月23日	出生地点：江苏	入学日期：2015年09月01日	毕业日期：2019年06月30日	学制：4年

2015-2016学年			微积分III	1.5	80	密码学	2.5	85
第1学期课程	学分	成绩	离散数学及其应用	4.0	89	大学生KAB创业基础	1.5	92
军训	2.0	74	常微分方程	1.0	94	面向信息技术的沟通技巧	2.0	82
现代休闲与观光农业	1.5	85	2016-2017学年			计算机组成	4.5	79
线性代数	2.5	83	第1学期课程	学分	成绩	数据库系统	4.0	84
定向越野(初级班)	1.0	70	课程综合实践 I	2.5	89	2017-2018学年		
大学英语III	3.0	86	英语水平测试	1.0	合格	第1学期课程	学分	成绩
军事理论	1.5	76	当代世界经济与政治	1.5	79	课程综合实践 II	2.5	70
化学与人类文明	1.5	81	高尔夫球	1.0	75	计算机图形学	2.5	81
思想道德修养与法律基础	2.5	79	数据结构基础	2.5	90	操作系统	5.0	86
微积分 I	4.5	75	大学物理（甲）II	4.0	70	计算机体系结构	3.5	83
程序设计基础	3.0	89	现代中外关系	2.0	78	计算机视觉	2.0	83
计算机科学基础	2.0	87	大学物理实验	1.5	80	专题研讨	2.0	82
第2学期课程	学分	成绩	工程训练	1.5	81	智能终端软件开发	2.0	86
微积分 II	2.0	78	马克思主义基本原理概论	2.5	81	毛泽东思想和中国特色社会主义理论体系概论	4.0	81
Introduction to Plant Physiological Ecology	1.5	80	数字逻辑设计	4.0	91	Java应用技术	2.5	78
中英语言与文化比较	1.5	82	概率论与数理统计	2.5	80	计算理论	2.0	77
圣经与文学	3.0	79	MATHEMTCL MODELING*	4.0	B+	第2学期课程	学分	成绩
形势与政策 I	1.0	86	PRIN OF ECONOMICS*	4.0	B+	当代语言学	3.0	81
大学英语IV	3.0	84	第2学期课程	学分	成绩	人工智能	3.5	89
足球(初级班)	1.0	76	信息安全原理	2.0	79	信息安全综合实验	1.5	88
工程图学	2.5	72	服务科学导论	2.0	85	计算机网络	4.5	86
大学物理（甲）I	4.0	85	桥牌(初级班)	1.0	76	软件工程	2.5	85
程序设计专题	2.0	91	面向对象程序设计	2.5	87	编译原理	4.0	86
中国近现代史纲要	2.5	80	高级数据结构与算法分析	4.0	81			

所有学年GPA:3.63/4.0(82.38/100)

毕业最低学分应为：160+4+6　　已获得学分：159.6　　授予学位：

记载成绩说明：
1. 百分制:60分及60分以上为及格、100分为满分;
2. 五级计分制:优秀、良好、中等、及格、不及格;
3. 二级计分制:合格、不合格.
4. 标志"*"者为校外转入的课程.
5. 带"+"、"-"号为平均绩点课程，已按最高成绩计算.

副教务长：张光新　　经办人：　　签发时间：2018年09月21日

RECOGNITION INSTRUCTION: 1."ZHEJIANG UNIVERSITY" is microprinted on the lower right corner as a line, they can be seen under the magnifying glass.
2.The fluorescent school badge of ZHEJIANG University on the higher left corner will appear under the UV light. 3.The words "ZJU" on the center of the report will turn purple under the sunlight. 4.This style transcript has been formally in use since September 1,1999.

Zhejiang University

Student's Academic Records

Registration No: 20183250

Name: LIN Junxiong	College/Dept.: College of Computer Science & Technology			Speciality: Computer Science and Technology			Student ID: 3150104418
Sex: Male	Birthday: 08/23/1997	Birth Place: Jiangsu		Entrance Date: 09/01/2015		Graduation Date: 06/30/2019	Years of Program: 4Years

Academic Year 2015-2016			**Academic Year 2016-2017**			**Academic Year 2017-2018**		
Courses(1st Term)	*Cr	*Sc	Courses(1st Term)	*Cr	*Sc	Courses(1st Term)	*Cr	*Sc
Military Training	2.0	74	Calculus III	1.5	80	Cryptography	2.5	85
Modern Leisure & Sight-seeing Agriculture	1.5	85	Discrete Mathematics and Application	4.0	89	Knowledge about Business for University Students	1.5	92
Linear Algebra	2.5	83	Ordinary Differential Equations	1.0	94	Communication Skills in Information Technology	2.0	82
Cross-Country Orienteering (Basic Level)	1.0	70	Integrate Practice for Courses I	2.5	89	Computer Organization	4.5	79
College English Band III	3.0	86	English Level Test	1.0	P	Database Systems	4.0	84
Military Theory	1.5	76	Politics & Economics of Contemporary World	1.5	79	Integrate Practice for Courses II	2.5	70
Chemistry & Modern Civilization	1.5	81	Golf	1.0	75	Computer Graphics	2.5	81
Mental Education and Foundation of Law	2.5	79	Fundamentals of Data Structures	2.5	90	Operating System	5.0	86
Calculus I	4.5	75	University Physics (A) II	4.0	70	Computer Architecture	3.5	83
Fundamentals of Programming	3.0	89	Modern History Of Sino-Foreign Relations	2.0	78	Computer Vision	2.0	83
Fundamentals of Computer Science	2.0	87	College Physics Experiment	1.5	80	Studies and Discussions of Special Subjects	2.0	82
Courses(2nd Term)	*Cr	*Sc	Engineering Training	1.5	81	Smartphone Software Development	2.0	86
Calculus II	2.0	78	Introduction to the Principle of Marxism	2.5	81	Intro. to Mao Thought & Theoretical System of China Socialism	4.0	81
Introduction to Plant Physiological Ecology	1.5	80	Digital Logic Design	4.0	91	Java Application Design	2.5	78
Language & Culture: Comparison Between Chinese & English	1.5	82	Probability and Mathematical Statistics	2.5	80	Theory of Computation	2.0	77
The Bible and Literature	3.0	79	Mathematical Modeling (Math 142)*	4.0	B+	Courses(2nd Term)	*Cr	*Sc
Situation and Policy I	1.0	86	Principles of Economics*	4.0	B+	Modern Linguistics	3.0	81
College English Band IV	3.0	84	Courses(2nd Term)	*Cr	*Sc	Artificial Intelligence	3.5	89
Football (Basic Level)	1.0	76	Principles of Information Security	2.0	79	COMPREHENSIVE LABORATORY PRACTICE OF INFORMATION SECURITY	1.5	88
Engineering Graphics	2.5	72	Service Science	2.0	85	Computer Networks	4.5	86
University Physics (A) I	4.0	85	Bridge (Basic Level)	1.0	76	Software Engineering	2.5	85
Program Design Project	2.0	91	Object-Oriented Programming	2.5	87	Compiler Principle	4.0	86
Modern Chinese History	2.5	80	Advanced Data Structure & Algorithm Analysis	4.0	81			

Overall GPA:3.63/4.0(82.38/100)

Credits Required for Graduation: 160+4+6 | Credits Obtained: 159.6 | Degree Granted:

Three grade systems are used simultaneously in Zhejiang University,specifically as follows(*Cr=Credits;*Sc=Score):
1.The percentage system:Above 60 is passing,100 is full mark;
2.Five degree grading:Excellent(A),Good(B),Fair(C),Passing(D),Failed(E);
3.Two degree grading:Passing(P),Failed(F).
4.Courses identified with "*" are transferred from partner universities.
5.Courses identified with "#" are retaken and calculated into GPA according to the highest score.

Associate Provost: Registrar: Date Issued:09/21/2018

The system of General Point Average(GPA)

The system of GPA used for academic transcript of Zhejiang University is established as follows:

1. The relation of score to grade point:

Percentage System	Score	100-86	85-83	82-80	79-77	76-74	73-71	70-68	67-65	64-62	61-60	<60
	Grade Point	4.0	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	0
Five Degree Grading	Score	Excellent (A)	Good (B)		Fair (C)			Passing (D)				Failed (F)
	Grade Point	4.0	3.5		2.5			1.5				0
Two Degree Grading	Score	Passing (P)										Failed (F)
	Grade Point	3.0										0

2. Formula:

$$GPA = \frac{\Sigma(\text{credits} * \text{grade point})}{\Sigma \text{ credits}}$$

Undergraduate School
Zhejiang University

关于办理出国成绩单平均学分绩点（GPA）计算方法(2015级起)

出国成绩单学分绩点的对应关系和（GPA）计算方法如下：

一、学分绩点的对应关系

百分制	成绩	100-86	85-83	82-80	79-77	76-74	73-71	70-68	67-65	64-62	61-60	<60
	对应绩点	4.0	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	0
五级制	成绩	优（A）	良（B）		中（C）			及格（D）				不及格（F）
	对应绩点	4.0	3.5		2.5			1.5				0
二级制	成绩	合格（P）										不合格（F）
	对应绩点	3.0										0

二、计算公式：

$$\text{平均学分绩点（GPA）} = \frac{\Sigma\ （\text{课程学分} \times \text{课程学分绩点}）}{\Sigma\ \text{课程学分}}$$

浙江大学

本科生院

Junxiong Lin

Rm. 7-601, Mingchengshiji Garden, 182 West Fenghuang St., Nanjing, Jiangsu, China
Linjunxiong1997@zju.edu.cn +86-188-6715-6356

EDUCATION

Zhejiang University (ZJU) **Hangzhou, China**
Bachelor of Engineering in Computer Science &Technology Sept. 2015 – July 2019 (expected)

- **GPA: 3.63** / 4.0 **Major GPA**: **3.8** / 4.0
- **Main Courses:** Fundamentals of Computer Science: 87, Fundamentals of Programming: 89, Fundamentals of Data Structures: 90, Object-Oriented Programming: 87, Advanced Data Structure & Algorithm Analysis: 81, Database Systems: 84, Computer Graphics: 81, Operating System: 86, Computer Vision: 83, Computer Architecture: 83, Smartphone Software Development: 86, Artificial Intelligence: 89, Computer Networks: 86, Software Engineering: 85, Compiler Principle: 86, Cryptography: 85

University of California, Los Angeles (UCLA) **L.A., USA**

- **Summer Courses:** Mathematical Modeling, Principles of Economics Summer 2017

INTERN EXPERIENCE

Oracle China, Nanjing R&D Center **Nanjing, China**
Intern Sept. 2018 – Dec. 2018

- Participated in the design 5G network application; strengthened my knowledge and skill in networking, TCP/IP, standard internet services, scripting language **Python**, programming language in **Java**, and Linux internals
- Gained familiarity toward the whole software design cycle

Oracle China Software Systems Co., Ltd. **Nanjing, China**
Intern July 2018 – Aug. 2018

- Participated in company internal training program and gained familiarity toward Oracle software principles and structures
- Provided detailed data analysis toward Oracle customer behaviors and products, contributed to the better marketing and the boost of sales
- Improved my programming skill and teamwork ability while gaining practical industrial experience that beyond the classroom environment

ON-CAMPUS WORK EXPERIENCE

Zhejiang University QSC **Hangzhou, China**
Software Development Engineer Sept. 2016 – Dec. 2017

- Participated in the design and maintenance of an online platform for students, which integrated a series of products and functions: Box, Mobile, Share, Notice, Tide and News
- Assumed the task of website development, troubleshooting and maintenance; contributed to the successful launch and operation of a platform that attracted over 5000 registered users

ACADEMIC COURSE PROJECTS

Relational Database Design **ZJU, China**
"Database Systems" Course Project 2017

- Completed a relational database in **C++** and used B+ tree to realize the index in the database.
- Got a deeper insight into database design and management.

Bubble Interaction Game Design **ZJU, China**
"Computer Graphics" Course Project 2018

- Accomplished a 3D version of agar.io based on **JavaScript** and **WebGL**
- Realized the rendering of the bubbles and overall environment; deepened my understanding toward Computer Graphics

Android Notepad App Design **ZJU, China**
"Java Application Design" Course Project 2018
- Designed an Android notepad app with the function of note, reminder and map.
- Practiced my skills in **JAVA** programming and Android development.

Tiger Language Compiler **ZJU, China**
"Compiler Principle" Course Project 2018
- Performed lexical analysis and register allocation of a compiler with a C-like programming language **Tiger**.
- Practiced my team collaboration skill and enhanced my knowledge in compiler design.

Racing Game Design **ZJU, China**
"Object-oriented Programming" Course Project 2017
- Programmed a car-racing game in **C++** with Qt and accomplished the bypassing of road blocks and other obstacles.
- Learnt basic concepts of object-oriented programming and got familiar with **C++**

Face Recognition App **ZJU, China**
"Computer Vision" Course Project 2016
- Participated in the design of a face-recognition app with **OpenGL**
- Got familiar with OpenGL and strengthened my knowledge in **Computer Vision**

HONORS & AWARDS

National:
- **Second Prize**, National Mathematical Olympiad in Senior 2014
- **Second Prize**, National Olympiad in Informatics in Provinces, High School Group 2013
- **First Prize**, National Olympiad in Informatics in Provinces, High School Group 2012
- **First Prize**, National Olympiad in Informatics in Provinces, Middle School Group 2010

Intra-school:
- **Third Prize**, 17th Zhejiang University Programming Contest, 2015

TECHNIQUE SKILLS & TOOLS

- Proficient in **C, C++, Python**, **JAVA**, **JavaScript, HTML** and **SQL**
- Familiar with **Verilog** and **Pascal**

查看成绩

LIN JUNXIONG

ETS Registration Number	0000000034680661
ETS ID	12837637
Date of Birth	1997-8-23
Gender	Male
ID	320106199708230418
Email	linjunxiong1997@zju.edu.cn
Phone	18867156356
Address	江苏省南京市鼓楼区凤凰西街182号名城世纪园7-601室

Test	Test Date	Reading	Listening	Speaking	Writing	Total
TOEFL iBT	Sat Nov 10 08:52:15 EST 2018	28	27	23	26	104

How to interpret scores

Reading Skills	Level	Your Performance

Reading	**High(22-30)**	Test takers who receive a score at the **HIGH** level, as you did, typically understand academic texts in English that require a wide range of reading abilities regardless of the difficulty of the texts. Test takers who score at the **HIGH** level, typically have a very good command of academic vocabulary and grammatical structure; can understand and connect information, make appropriate inferences, and synthesize ideas, even when the text is conceptually dense and the language is complex; can recognize the expository organization of a text and the role that specific information serves within the larger text, even when the text is conceptually dense; and can abstract major ideas from a text, even when the text is conceptually dense and contains complex language.
Listening Skills	**Level**	**Your Performance**
Listening	**High(22-30)**	Test takers who receive a score at the **HIGH level**, as you did, typically understand conversations and lectures in English that present a wide range of listening demands. These demands can include difficult vocabulary (uncommon terms, or colloquial or figurative language), complex grammatical structures, abstract or complex ideas, and/or making sense of unexpected or seemingly contradictory information. When listening to lectures and conversations like these, test takers at the **HIGH** level typically can understand main ideas and important details, whether they are stated or implied; distinguish more important ideas from less important ones; understand how information is being used (for example, to provide evidence for a claim or describe a step in a complex process); recognize how pieces of information are connected (for example, in a cause-and-effect relationship); understand many different ways that speakers use language for purposes other than to give information (for example, to emphasize a point, express agreement or disagreement, or convey intentions indirectly); and synthesize information, even when it is not presented in sequence, and make correct inferences on the basis of that information.
Speaking Skills	**Level**	**Your Performance**

Speaking about familiar topics	**Fair(2.5 - 3.0)**	Your responses indicate you are able to speak in English about your personal experiences and opinions in a mostly clear and coherent manner. Your speech is mostly clear with only occasional errors. Grammar and vocabulary are somewhat limited and include some errors. At times, the limitations prevent you from elaborating fully on your ideas, but they do not seriously interfere with overall communication.
Speaking about campus situations	**Fair(2.5 - 3.0)**	Your responses demonstrate an ability to speak in English about reading material and experiences typically encountered by university students. You are able to convey relevant information about conversations, newspaper articles, and campus bulletins; however, some details are missing or inaccurate. Limitations of grammar, vocabulary, and pronunciation at times cause difficulty for the listener. However, they do not seriously interfere with overall communication.
Speaking about academic course content	**Fair(2.5 - 3.0)**	Your responses demonstrate that you are able to speak in English about academic reading and lecture material, with only minor communication problems. For the most part, your speech is clear and easy to understand. However, some problems with pronunciation and intonation may occasionally cause difficulty for the listener. Your use of grammar and vocabulary is adequate to talk about the topics, but some ideas are not fully developed or are inaccurate.
Writing Skills	**Level**	**Your Performance**
Writing based on reading and listening	**Good(4.0 - 5.0)**	You responded well to the task, relating the lecture to the reading. Weaknesses, if you have any, might have to do with slight imprecision in your summary of some of the main points and/or use of English that is occasionally ungrammatical or unclear.
Writing based on knowledge and experience	**Good(4.0 - 5.0)**	You responded with a well-organized and developed essay. Weaknesses, if you have any, might have to do with use of English that is occasionally ungrammatical, unclear, or unidiomatic and/or elaboration of ideas or connection of ideas that could have been stronger.

TEST TAKER SCORE REPORT

Note: This report is not valid for transmission of scores to an institution.

JUNXIONG LIN

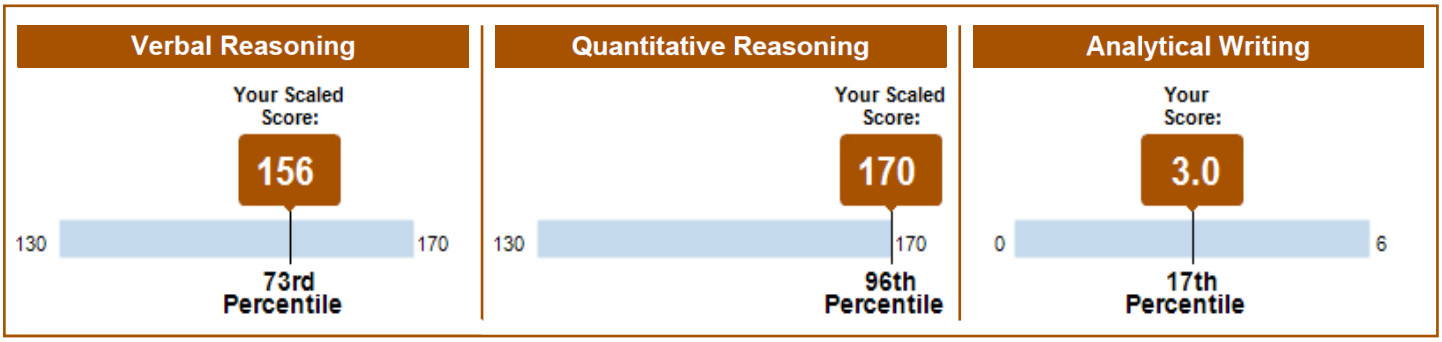
Address: RM 555, APT 32,YUQUAN CAMPUS, ZHEJIANG UNIVERSITY, HANGZHOU, Zhejiang, 310000 China

Email: linjunxiong1997@zju.edu.cn
Phone: 86-18867156356
Date of Birth: August 23, 1997
Social Security Number (Last Four Digits):
Gender: Male
Intended Graduate Major: Computer Science (0402)

Most Recent Test Date: June 15, 2018

Registration Number: 3490770
Print Date: November 23, 2018

Your Scores for the General Test Taken on June 15, 2018



Your Test Score History

General Test Scores

	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
Test Date	**Scaled Score**	**Percentile**	**Scaled Score**	**Percentile**	**Score**	**Percentile**
June 15, 2018	156	73	170	96	3.0	17

Subject Test Scores

You do not have reportable test scores at this time.

Your Score Recipient(s)

Undergraduate Institution

Report Date	Institution (Code)	Department (Code)	Test Title	Test Date

Designated Score Recipient(s)

Report Date	Score Recipient (Code)	Department (Code)	Test Title	Test Date

JUNXIONG LIN

Most Recent Test Date: June 15, 2018

Date of Birth: August 23, 1997

Registration Number: 3490770
Print Date: November 23, 2018

About Your *GRE*® Score Report

Score Reporting Policies

With the *ScoreSelect*® option, you can decide which test scores to send to the institutions you designate. There are three options to choose from:

- Most Recent option – Send your scores from your most recent test administration
- All option – Send your scores from all administrations in the last five years
- Any option – Send your scores from one OR as many test administrations in the last five years (this option is not available on test day when you select up to four FREE score reports)

Scores for a test administration must be reported in their entirety. Institutions will receive score reports that show only the scores that you selected to send to them. There will be no special indication if you have taken additional GRE tests. See the *GRE® Information Bulletin* for details. The policies and procedures explained in the Bulletin for the current testing year supersede previous policies and procedures in previous bulletins.

Scores will be sent to designated score recipients approximately 10-15 days after a computer-delivered test and 5 weeks after a paper-delivered test. If your scores are not available for any reason, you will see “Not Available” in Your Test Score History.

GRE test scores are reportable according to the following policies:

- For tests taken prior to July 1, 2016, scores are reportable for five (5) years following the testing year in which you tested (July 1 – June 30). For example, scores for a test taken on May 15, 2015, are reportable through June 30, 2020. GRE scores earned prior to August 2011 are no longer reportable.
- For tests taken on or after July 1, 2016, scores are reportable for five (5) years following your test date. For example, scores for a test taken on July 3, 2016, are reportable through July 2, 2021.

Note: Score recipients will only receive scores from test administrations that you have selected to send to them.

Percentile Rank (% Below)

A percentile rank for a test score indicates the percentage of test takers who took that test and received a lower score. Regardless of when the reported scores were earned, the percentile ranks for General Test and Subject Test scores are based on the scores of all test takers who tested within the most recent three-year period.

Retaking a GRE Test

You can take the *GRE*® General Test *once every 21 days*, up to *five times* within any continuous rolling 12-month period (365 days). This applies even if you canceled your scores on a test taken previously. You can take the paper-delivered GRE General Test and *GRE*® Subject Tests as often as they are offered.

Note: This policy will be enforced even if a violation is not immediately identified (e.g., inconsistent registration information) and test scores have been reported. In such cases, the invalid scores will be canceled and score recipients will be notified of the cancellation. Test fees will be forfeited.

For More Information

For information about interpreting your scores, see *Interpreting Your GRE Scores* at **www.ets.org/gre/understand.**

For detailed information about your performance on the Verbal Reasoning and Quantitative Reasoning sections of the computer-delivered GRE General Test, access the free GRE Diagnostic Service from your ETS account. This service includes a description of the types of questions you answered right and wrong, the difficulty level of each question, and the time spent on each question. This service is available approximately 15 days after your test administration and for six months following your test administration.

If you have any questions concerning your score report, email GRE Services at **gre-info@ets.org** or call 1-609-771-7670 or 1-866-473-4373 (toll free for test takers in the U.S., U.S. Territories and Canada) between 8 a.m. and 7:45 p.m. (New York Time).

ORACLE
甲骨文

Oracle (China) Software Systems Co., Ltd.
Nanjing Branch Office
Unit 1911, 19th Floor,Zhi Di Plaza,
No.55 Hong Wu Road North,
Xuan Wu District, Nanjing 210028
Tel : 025-85797500
Fax: 025-84765226

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置地广场19楼1911室 邮编: 210028
电话 : 025-85797500
传真 : 025-84765226

August 15, 2018

Re: **Junxiong Lin**

To Whom It May Concern:

This is to certify that **Mr. Lin** has successfully completed the internship program at **Oracle (China) Software Co. Ltd.**, Nanjing Office between **July 15, 2018** and **August 15, 2018**.

We provide this letter in lieu of responding to any form requests for detailed evaluations of our past interns or faculty.

Sincerely,

ORACLE (CHINA) SOFTWARE SYSTEMS CO., LTD. NANJING BRANCH OFFICE 甲骨文软件系统有限公司南京分公司

Jin, Jim

General Manager

Oracle (China), Nanjing Office

CERTIFICATION

This is to certify that Mr.LIN Junxiong, born on August 23, 1997, is studying in the College of Computer Science & Technology, Zhejiang University with a specialty of Computer Science and Technology now. He will be granted graduation and be awarded the Bachelor's Degree in Engineering in June 2019.

Academic Affairs
Zhejiang University
November 22, 2018

在读证明

兹证明 林钧雄 同学，男，生于1997年08月，现就读于浙江大学计算机科学与技术学院计算机科学与技术专业。他将于2019年06月毕业并被授予工学学士学位。

浙江大学教务处

2018年11月22日

Northwestern | THE GRADUATE SCHOOL

Recommendation Form

The Graduate School Northwestern University Evanston, IL 60208-1113

Applicant Name: **Junxiong Lin**

Program: **Computer Science: MS**

Applicant Waived Rights*: **This applicant has waived the right to view their recommendation.**

Recommender Name: **Lidan Shou**

Organization Name: **Department of Computer Science,Zhejiang University**

Title: **Professor**

E-mail Address: **should@zju.edu.cn**

Telephone Number: **+8657187952026**

Relationship to Applicant: **Instructor**

Certification (Date): **11-29-2018**

*"Public Law 93-380, Educational Amendments Act of 1974, grants students the right to have access to letters of recommendation in their placement files. By selecting the "Waive access" option you are waiving access to these letters."

Dear Sir or Madam,

I am writing to you because a student previously enrolled in my course requested me to do so for his application for MS candidature at your university. The applicant, Mr. Junxiong Lin, first became known to me in September 2017, when he began to take the “Operating Systems” module taught by me. Therefore, I believe I know him well to evaluate on his overall credentials.

Junxiong Lin is a goal-oriented student who consistently demonstrates strong academic performance, not just on my course, but on other CS courses as well.

What impressed me the most about him was his creative thinking ability. He was one of the few students who thought outside the box, a precious qualification found in an undergraduate student. In my class, I often assigned multiple course experiments to help students practicing system skills. In one experiment that involved the multi-thread mutex and synchronization, he came to discuss with me during the lab session. In the end, he implemented a simple solution to the deadlock problem. That solution was quite impressive to me.

Junxiong also demonstrated strong English ability throughout the course. He was able to well present knowledge he learned in class and solutions to practical problems in English. In order to help other students with the open-source system, he made a course presentation on kubernetes in my class, and received many positive responses from the audience.

To summarize, Junxiong Lin is one of the best performing students among the undergraduates that I come across. He may not be the very top in terms of academic grades, but he truly stood out on creative thinking, learning ability, experimental skills, and communication skills. I highly recommend him for admission to your university without any reservation. Should you have any questions regarding his qualifications, please feel free to contact me!

Best Regards,
Lidan Shou
Professor, Department of Computer Science, Zhejiang University
should@zju.edu.cn
+86 571 87952026

Northwestern | THE GRADUATE SCHOOL

Recommendation Form

The Graduate School Northwestern University Evanston, IL 60208-1113

Applicant Name: **Junxiong Lin**

Program: **Computer Science: MS**

Applicant Waived Rights*: **This applicant has waived the right to view their recommendation.**

Recommender Name: **Wenhu Qin**

Organization Name: **Southeast University**

Title: **Professor**

E-mail Address: **qinwenhu@seu.edu.cn**

Telephone Number: **+8625-83795620**

Relationship to Applicant: **advisor**

Certification (Date): **12-03-2018**

*"Public Law 93-380, Educational Amendments Act of 1974, grants students the right to have access to letters of recommendation in their placement files. By selecting the "Waive access" option you are waiving access to these letters."

Dear Sir or Madam,

I have known Junxiong for more than two years. I am writing this letter to recommend his academic aptitude for your reference since he is very interested in your graduate program.

Out of the strong recommendation of another professor at my school, Junxiong interned my lab in summer 2016. His job was to assist with the research of route planning algorithm under the VR circumstance. Junxiong showed strong enthusiasm toward academic research. He was a student with strong independent study and team cooperation skills. After looking through literatures and papers, and communicating with team members, he brought up some innovative ideas on algorithm design that caught my attention.

Impressed by his dedication and previous research work, I invited him back to my lab in summer 2017 and worked on the topic of object recognition based on computer vision. This time he did not disappoint me either. He showed strong initiatives toward learning new ideas. Besides, he had a clear mind of what to accomplish in a scheduled time period. His efforts contributed to the improvements in the recognition precision and efficiency. Hence, I was convinced that he was a student with excellent research potential.

I have personally been in a few exchange studies programs at several universities in the US – U Penn, Lehigh U and UC-Berkeley, and I found the overseas study and research experience valuable for my future career. Therefore, when Junxiong expressed his desire to study in a top university in the US to me, I am more than happy to recommend him. I believe he is well prepared to move on to the graduate studies in computer science, and I think he can achieve excellent academic performance and outstanding research through your program. I hope you would consider his application seriously under my truly recommendation!

Sincerely

Wenhu Qin
Professor
School of Instrumental Science and Engineering
Southeast University, China
qinwenhu@seu.edu.cn