PERSONAL DETAILS

Name	Xiong Junjie
D.O.B	15 August 1989
Email	junjie.sop@foxmail.com
Contact	+86 15365195256
Address	9 Wenyuan Road, Qixia District, Nanjing, 210046, P.R. China

EDUCATION

2008 – 2012	BSc	Beijing	University of posts and telecommunication
2016 – 2019	MSc	Nanjing	University of posts and telecommunication

EXPERIENCE AND PROJECTS

China Telecom

Nov 2014 - SEP 2016

Project Manager

Jiangxi Telecom Information Industry Co., Ltd.
Gold medal mediation project manager and research developer.
Responsible for the design and implementation of the interface development.

HUAWEI

Nov 2013 - Nov 2014

Research Developer

HUAWEI Enterprise Network Department
E-sight network management system research developer.
Responsible for the project interface and front-end development and other related parts.

Alibaba

Jun 2012 - Nov 2013

Research Developer

Alimama Department
Responsible for Interfaces development and optimization for on-line brand activities, such as Boss, Microsoft, TOYOTA, Lee.
Migrate and ensure server response rates and accuracy and security.

PROFILE

Hello! I'm Xiong Junjie, a postgraduate student, majoring in computer science and data mining.
After 7 years of systematic study and 4 years work. I am sure that I have built sound foundation in theory and practice of my major.In addition, I have taken part in several research and develop works in Alibaba and Huawei from 2012 to 2016. I have been awarded scholarships many times because of my excellence in study and research.

SKILLS

Specialities

Ios app design
Web design
Interface design

Computer

java,c/c++,shell
springmvc,mybatis,angularjs
mysql,oracle,sqlserver,redis
nginx,tomcat,jboss,xcode,eclipse

Knowledge

Data Mining
Machine Learning
Recommendation system
Spark&&Hadoop
Cloud Application
Teamwork

Hobbies

Movies
Music
Football
Photography
Video games
Reading
Creative writing

NANJING UNIVERSITY OF POSTS & TELECOMMUNICATIONS

TRANSCRIPT OF GRADUATE STUDENT'S SCHOLASTIC RECORD

Student ID	1216043024	Date of Birth	1989.08.15
Name	Junjie Xiong	Sex	Male
Specialty	Computer Technology		

Name of Course Subject	Course Hours	Credits	Grade
English (1)	48	1.5	75
The study of the theory and practice of socialism with Chinese characteristics	36	2	91
English (2)	48	1.5	76
Mathematical Logic	40	2	93
Optimal Method	40	2	86
Algorithm Design & Analysis	48	3	67
Computer Communication & Network	32	2	74
Design & Analysis of Database	32	2	70
Web Technology	32	2	优
Cloud Computing Technology & Big Data	32	2	91
Machine Learning	32	2	90
Natural Dialectics	18	1	83
Professional English	16	1	良
MATLAB & Simulation	32	2	84
Big Data Analysis	32	2	90

GRADUATE SCHOOL

NANJING UNIVERSITY OF POSTS & TELECOMMUNICATIONS

UNDERGRADUATE ACADEMIC RECORDS

Beijing University of Posts and Telecommunications

Name	XIONG Junjie	Gender	Male	
Student number	08211333	Class	2008211307	
Specialty	Computer Science and Technology	School	Computer Science	
Date of Enrollment	20080901	Date of Graduation	20120619	

Course Titles	Credit	Mark	Course Nature	Term
Advanced Mathematics I	5	73	Required	2008Fall
Introduction to Communication Technologies	2	80	Optional	2008Fall
Introduction to Computing and Programming	5	76	Required	2008Fall
Emergency Response Training	0.5	65	Optional	2008Fall
College English Level I	4	75	Required	2008Fall
Morality Education and Fundamentals of Law	3	81	Required	2008Fall
Physical Education I	2	76	Required	2008Fall
Linear Algebra	2	81	Required	2008Fall
Current Affairs Study	0.4	84	Required	2008Fall
Advanced Mathematics II	5	60	Required	2009Spring
Fundamentals of Electric Circuit and Electronics	3	61	Required	2009Spring
Programming Practice	2	94	Required	2009Spring
Discrete Mathematics I	2	70	Required	2009Spring
Military Training	3	95	Required	2009Spring
Marketing	2	85	Optional	2009Spring
College English Level 2	4	71	Required	2009Spring
Compendium of Neoteric & Modern Chinese History	2	72	Required	2009Spring
Physical Education II	2	85	Required	2009Spring
Military Theory	2	72	Required	2009Spring
Current Affairs Study	0.4	80	Required	2009Spring
Object-Oriented Programming and Practice I	2	Good	Required	2009Summer
College Physics	4	76	Required	2009Fall
Discrete Mathematics II	3	72	Required	2009Fall
Digital Logic and Digital System	4	74	Required	2009Fall
Algorithms and Data Structures	5	68	Required	2009Fall
Aesthetics	2	91	Optional	2009Fall
College English Level 3	3	66	Required	2009Fall
Basic Principles of Marxism	3	60	Required	2009Fall
Specialized Physical Education I	2	82	Required	2009Fall
Problem Solving Method of college Physics II	2	78	Optional	2009Fall
Labs in Physics	2	65	Required	2009Fall
Current Affairs Study	0.4	73	Required	2009Fall
College English Level 4	3	73	Required	2010Spring
Introduction to Communication	2	81	Required	2010Spring
Mao Zedong Thought,Deng Xiaoping Theory and the Important Thought of Three Representatives I	3	74	Required	2010Spring
Network Programming in Java	2	82	Optional	2010Spring
Project Laboratory: Algorithms and Data Structures	2	84	Required	2010Spring
Formal Languages and Automata	2	62	Required	2010Spring
The Principles of Computer Organization	5	60	Required	2010Spring
Specialized Physical Education II	2	85	Required	2010Spring
Probability Theory and Stochastic Processes	4	70	Required	2010Spring

UNDERGRADUATE ACADEMIC RECORDS

Beijing University of Posts and Telecommunications

Name	XIONG Junjie	Gender	Male	
Student number	08211333	Class	2008211307	
Specialty	Computer Science and Technology	School	Computer Science	
Date of Enrollment	20080901	Date of Graduation	20120619	

Course Titles	Credit	Mark	Course Nature	Term
Mathematical Modeling and Computer Simulation	2	86	Required	2010Spring
Practical Psychology	2	82	Optional	2010Spring
Current Affairs Study	0.4	80	Required	2010Spring
Object-Oriented Programming and Practice II	2	84	Required	2010Spring
Advanced Labs in Digital Systems	2	80	Required	2010Spring
Signals and systems	3	77	Required	2010Fall
Telecom Orientation	1	77	Required	2010Fall
Compiler Principles and Technology	3	65	Required	2010Fall
Principle of Communications	4	63	Required	2010Fall
Assembly Language and Interface Technique	4	60	Required	2010Fall
Reading and Translating of Scientific Texts	2	67	Elective	2010Fall
Mao Zedong Thought,Deng Xiaoping Theory and the Important Thought of Three Representatives II	3	71	Required	2010Fall
Operating System	4	60	Required	2010Fall
Computer Networks	4	70	Required	2010Fall
Foundations of Natural Language Processing	2	82	Elective	2010Fall
Western Contemporary Philosophy	2	60	Optional	2010Fall
Labs in Mathematics	2	75	Optional	2010Fall
Current Affairs Study	0.4	70	Required	2010Fall
Analysis and Design of Algorithms	2	79	Elective	2011Spring
Advanced Labs in Interface	1.5	80	Required	2011Spring
Advanced Labs in Operating Systems	1.5	93	Required	2011Spring
Database System Principles	3	70	Elective	2011Spring
Computer Graphics	2	67	Elective	2011Spring
Software Engineering	3	73	Elective	2011Spring
Computer Architecture	3	67	Elective	2011Spring
Modern Switching Principle	3	62	Elective	2011Spring
Chinese Calligraphy	2	82	Optional	2011Spring
Selected Art Works	2	80	Optional	2011Spring
Career Guidance	1	84	Optional	2011Spring
Extracurricular practice	4	Pass	Required	2012Spring
Field Work	2	85	Required	2011Spring
Communication Networks	2	81	Elective	2011Fall
Wireless Communication Foundation	2	74	Elective	2011Fall
New Technology for Application Software	2	80	Elective	2011Fall
Embedded OS and Telecommunication Software	2	69	Elective	2011Fall

UNDERGRADUATE ACADEMIC RECORDS

Beijing University of Posts and Telecommunications

Name	XIONG Junjie	Gender	Male	
Student number	08211333	Class	2008211307	
Specialty	Computer Science and Technology	School	Computer Science	
Date of Enrollment	20080901	Date of Graduation	20120619	

Course Titles	Credit	Mark	Course Nature	Term
Graduation Project	16	Good	Required	2012Spring

REMARKS:	DEAN SIGNATURE	SCHOOL SEAL	BACHELOR OF ENGINEERING
College English Test IV: 73			Seal: BUPT Education Administration Office

Date: 2012-06-18

NOTE: •Hour means the total hours of the course per semester, per credit means 16 hours.

•Grades are expressed in letters or percentages, sometimes the grade is only denoted by P (Pass) or F (Failure).

•The letter grading system is as follows: A: Excellent, B: Good, C: Average, D: Pass, E: Failure.

•The percentage-based grading system rates 100 as the maximum obtainable grade and 60 as the lowest passing grade.

TOEFL®

TOEFL® (Test of English as a Foreign Language™)
Internet-based Test (TOEFL iBT™)
Examinee Score Report

Name: XIONG, JUNJIE
Last (Family/Surname) Name, First (Given) Name Middle Name

Email: junjie.sop@gmail.com
Gender: M
Date of Birth: 15 Aug 1989

Registration Number: 0000 0000 3230 9618
Test Date: 10 Dec 2017 **Sponsor Code:**

XIONG, JUNJIE
210046 JIANGSUJIANGSU 南京亚东新城区文苑路 9 号南京邮电大学仙林校区 熊俊杰 收
nanjing, JiangsuJiangsu 210046
China

TOEFL Scaled Scores	
Reading	22
Listening	21
Speaking	17
Writing	21
Total Score	**81**

Country of Birth: China
Native Language: CHINESE
Test Center: STN80044A - Nanjing Normal University
Test Center Country: China

Inst. Code | **Dept. Code**

43

Security Identification

ID Type: National ID **ID No.:** 360101198908156014 **Issuing Country:** China

Reading Skills	Level	Your Performance
Reading	High	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	Intermediate	Test takers who receive a score at the **INTERMEDIATE** 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, and/or abstract or complex ideas. However, lectures and conversations that require the listener to make sense of unexpected or seemingly contradictory information may present some difficulty. When listening to conversations and lectures like these, test takers at the **INTERMEDIATE** level typically can • understand explicitly stated main ideas and important details, especially if they are reinforced, but may have difficulty understanding main ideas that must be inferred or important details that are not reinforced; • understand how information is being used (for example, to provide support or describe a step in a complex process); • recognize how pieces of information are connected (for example, in a cause-and-effect relationship); • understand, though perhaps not consistently, 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 from adjacent parts of a lecture or conversation and make correct inferences on the basis of that information, but may have difficulty synthesizing information from separate parts of a lecture or conversation.

GRE

TEST TAKER SCORE REPORT

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

JUNJIE XIONG

Address: 9 Wenyuan Road, Qixia District,, Nanjing, 210046 P.R. China, Nanjing, 210046 China

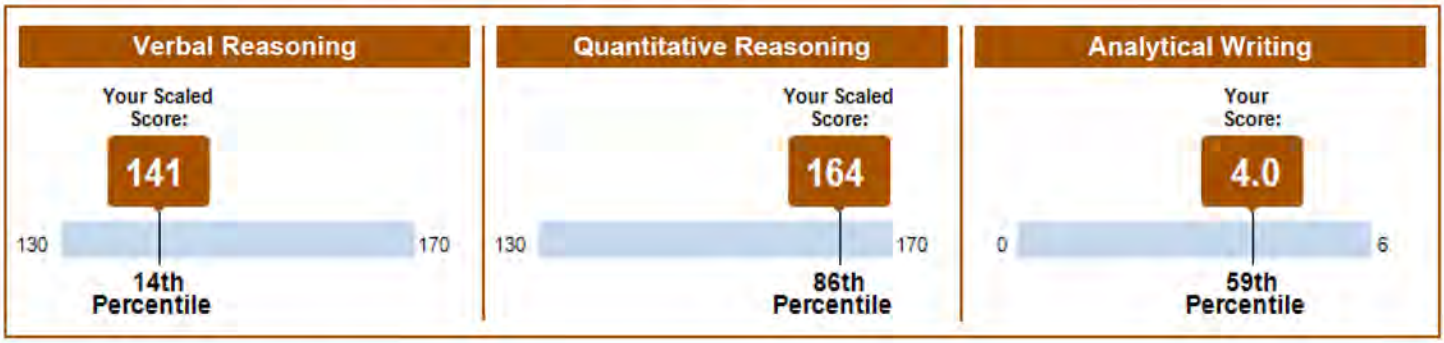
Email: 466301416@qq.com
Phone: 86-15365195256

Date of Birth: August 15, 1989
Social Security Number (Last Four Digits):
Gender: Male
Intended Graduate Major: Computer Science (0402)

Most Recent Test Date: April 28, 2018

Registration Number: 3150480
Print Date: August 3, 2018

Your Scores for the General Test Taken on April 28, 2018



Your Test Score History

General Test Scores

	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
Test Date	**Scaled Score**	**Percentile**	**Scaled Score**	**Percentile**	**Score**	**Percentile**
April 28, 2018	141	14	164	86	4.0	59

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

JUNJIE XIONG

Most Recent Test Date: April 28, 2018

Date of Birth: August 15, 1989

Registration Number: 3150480
Print Date: August 3, 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).

NUPT ST-Data Miner: An Spatio-Temporal Data Analysis and Visualization System

Zhiqiang Zou, Junjie Xiong, Xu He and Haihong Dai

Abstract Given the increasing popularity and availability of location tracking devices, large quantities of Spatio-Temporal data (ST-data) are available from many different sources. For the ST-data, reflecting the mobile characteristic of the world, it is essential to build a functional system to perform quickly interactive analysis. In this paper, we present an analysis and visualization system, NUPT ST-data Miner, which facilitates users to visualize and analyze ST-data. It (1) provides a flexible and extensible framework based on cloud computing platform, (2) is able to quickly retrieve specified ST-data, (3) integrated multiple functions for the ST-data. To demonstrate its efficiency, we validate our model and system on a real data set of Microsoft Research Asia. The results from extensive experiments demonstrate that NUPT ST-data Miner is an effective system for visually analyzing spatio-temporal data.

Keywords Spatio-Temporal analysis · Visualization · Big data · Cloud computing · GIS

Z. Zou · J. Xiong (✉) · X. He · H. Dai
College of Computer, Nanjing University of Posts and Telecommunications, Nanjing, Jiangsu 210023, People's Republic of China
e-mail: junjie.sop@gmail.com

Z. Zou
e-mail: zouzq@njupt.edu.cn

X. He
e-mail: HXzcydyx@163.com

H. Dai
e-mail: haihongdai1@qq.com

Z. Zou
Jiangsu Key Laboratory of Big Data Security and Intelligent Processing, Nanjing, Jiangsu 210023, China

K. J. Kim and N. Baek (eds.), *Information Science and Applications 2018*,
Lecture Notes in Electrical Engineering 514,
https://doi.org/10.1007/978-981-13-1056-0_5