

## BIOGRAPHIC INFORMATION

## PROFILE

Title:	Mr.	Materials Under Another Name:	No
First Name:	Xuanting	Nickname:	—
Middle Name:	—	Alternate First Name:	—
Last Name:	Chen	Alternate Middle Name:	—
Suffix:	—	Alternate Last Name:	—
Gender or Sex:	MALE		

## BIRTH INFORMATION

Date of Birth:	11-08-1995
City:	Taizhou
County:	N/A
State:	Zhejiang
Country:	China

## CONTACT INFORMATION

Address Type:	Current	Address Type:	Permanent
Address:	1079 Commonwealth Ave Apt.205 Boston, Massachusetts 02215	Address:	119 East Wanquan Rd Wulongxiaoqu Bd. 27 Rm. 602 Wenling, Zhejiang 317500
County:	Suffolk County	County:	N/A
Country:	United States	Country:	China
Valid Until Date:	01-20-2020		
Phone:	+16176469067      Type: Mobile		
	+8613586058321      Type: Mobile		
Email:	bldcxt@bu.edu      Type: School		

## CITIZENSHIP STATUS AND RESIDENCY INFORMATION

## CITIZENSHIP STATUS

Citizenship Status:	Non Resident	State of Residence:	International
Country of Citizenship:	China	County of Residence:	N/A
Other Citizenship:	—	Length of Residence:	—
Length of stay in US:	—		

## VISA STATUS

Visa Type:	F-1 Student	Issued in City:	Shanghai
Visa Number:	L3775119	Issued in Country:	China
Issuing Authority:	US consulate in China	Valid Dates:	12-22-2016 / 12-19-2021
		Visa Sponsor:	—

## BIOGRAPHIC INFORMATION CONTINUED

## RACE/ETHNICITY

Do you consider yourself to be of Hispanic/Latino origin?

Answer: No

American Indian or Alaska Native

—

Asian

Yes

Chinese :

✓

Black or African American

—

Native Hawaiian or other Pacific Islander

—

White

—

## OTHER INFORMATION

Native Language: Chinese

Military Status: Not a member of the military

Service Branch: N/A

Have you ever been disciplined by any college, university, or professional school for: (1) unacceptable academic performance (academic probation, suspension, dismissal, etc.) or (2) conduct violations?

Answer: No

## ACADEMIC HISTORY

## HIGH SCHOOL ATTENDED

Name:	WENLING HIGH SCHOOL	Graduated:	Yes
City:	Taizhou	Date of Graduation:	05-2015
State:	International		

## STANDARDIZED TESTS

## OFFICIAL GRE

Date	ETS Registration Code	Verbal	Quantitative	Analytical Writing
10-07-2019		154 64%	169 95%	3.0 15%
10-10-2018		154 65%	165 88%	2.5 7%
10-31-2018		152 54%	170 96%	3.0 15%
10-31-2018		152 56%	170 96%	3.0 17%

## UNOFFICIAL GRE

Date	ETS Registration Code	Verbal	Quantitative	Analytical Writing
10-07-2019	6301448	154 64%	169 95%	3.0 15%

## OFFICIAL TOEFL

Date	Type	Listening	Reading	Speaking	Writing	Essay	Total
07-21-2018	Internet-based	27	28	23	24		102

## COLLEGES ATTENDED

## 002130 BOSTON UNIVERSITY

Start Date:	01-2017	Still Current:	Yes
End Date:	Current	Primary:	No
State:	Massachusetts	Regionally Accredited:	Yes
		Accredited By:	New England Association of Schools and Colleges, Commission on Institutions of Higher Education

Major	2nd Major/Minor	Status	Degree Verified	Degree Name	Degree Date
Computer Science	— / Mathematics	Degree Expected	No	Bachelor of Arts	01-2020

## TRANSCRIPTS

Highschool Name	Received	Required
Wenling High School	No	No
College Name	Received	Required
BOSTON UNIVERSITY	2019-12-15	Yes

## How to Authenticate This Official PDF Transcript

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**Author Unknown:** Lastly, one other possible message, Author Unknown, can have two possible meanings: The certificate is a self-signed certificate or has been issued by an unknown or untrusted certificate authority and therefore has not been trusted, or the revocation check could not complete. If you receive this message make sure you are properly connected to the internet. If you have a connection and you still cannot validate the digital certificate on-line, reject this document.

Documents enclosed with the transcript are provided by the student and are not substantiated or endorsed by Boston University.

Boston University and Wheelock College merged on June 1, 2018, and as a result, BU has assumed custodianship of the academic credentials issued by Wheelock College.

If you require further information regarding the authenticity of this transcript, you may email or call the Office of the University Registrar at Boston University at [registrar@bu.edu](mailto:registrar@bu.edu) or 617-353-3612.

The current version of Adobe® Reader is free of charge, and available for immediate download at <http://www.adobe.com>.

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# Boston University Transcript

Boston University Office of the University Registrar

881 Commonwealth Avenue  
Boston, Massachusetts 02215

DATE PRINTED: 12/12/2019  
PAGE 1

STUDENT NAME	IDENTIFICATION NUMBER	DATE OF BIRTH
Chen, Xuanting	XXX-XX-XXXX	11/08/1995

## DEGREE AWARDED

None

COURSES	TITLE	CREDIT	GRADE	HONOR POINTS	GPA SEM CUM
---------	-------	--------	-------	-----------------	-------------------

### SPRING 2017

ADMITTED to College of Arts and Sciences  
Bachelor of Arts

CAS CS111	INT COMP SCI 1	4.0	A	16.0	
CAS EC101	INTRO MICRO	4.0	B+	13.2	
CAS MA123	CALCULUS 1	4.0	A	16.0	
CAS WR098	ESL ACAD WRIT 2	4.0	C	8.0	3.33
					3.33

### SUMMER I 2017

CAS CS112S	INT COMP SCI 2	4.0	A-	14.8	
CAS MA124S	CALCULUS 2	4.0	A	16.0	3.85
					3.50

### FALL 2017

CAS CS131	COMBIN STRUCS	4.0	A	16.0	
CAS CS210	COMP SYSTEMS	4.0	A	16.0	
CAS MA225	MULTIVAR CALCUL	4.0	A	16.0	
CAS PY105	ELEM PHYSICS 1	4.0	W	0.0	
CAS WR100	WRITING SEMINAR	4.0	C+	9.2	3.58
					3.53

Dean's List

### SPRING 2018

CAS AS109	COSMOLOGY	4.0	A-	14.8	
CAS CS132	GEOMETRIC ALGOR	4.0	A	16.0	
CAS CS235	ALGEBRAIC ALGOR	4.0	A	16.0	
CAS CS330	INTR ALGORITHMS	4.0	A-	14.8	
CAS CS350	COMP SYS FNDMDL	4.0	A	16.0	3.88
					3.65

Dean's List

### SUMMER I 2018

CAS CS320S	SURV COMP LANGS	4.0	A	16.0	
CAS PY105S	ELEM PHYSICS 1	4.0	A	16.0	4.00
					3.69

### SUMMER II 2018

CAS AR100S	GR DISC ARCH	4.0	C	8.0	
CAS CS542S	MACH LEARNING	4.0	W	0.0	2.00
					3.59

## BASIS OF ADMISSION

Wenling High School  
Wenling, People's Republic of China

## PROGRAM OF STUDY

CAS, B.A., Computer Science

COURSES	TITLE	CREDIT	GRADE	HONOR POINTS	GPA SEM CUM
---------	-------	--------	-------	-----------------	-------------------

### FALL 2018

CAS CS237	PROBAB IN COMP	4.0	A	16.0	
CAS CS332	THEORY OF COMP	4.0	A	16.0	
CAS CS455	COMP NETWORKS	4.0	B+	13.2	
CAS EC102	MACROECONOMICS	4.0	A-	14.8	
CAS MA226	DIFF EQUATIONS	4.0	B	12.0	3.60
					3.60

Dean's List

### SPRING 2019

CAS CS411	SOFTWARE ENG	4.0	A	16.0	
CAS CS460	INTRO DATABASES	4.0	A-	14.8	
CAS MA242	LINEAR ALGEBRA	4.0	A	16.0	
CAS MA581	PROBABILITY	4.0	A	16.0	3.93
					3.64

Dean's List

### SUMMER I 2019

CAS LJ111S	JAPANESE 1	4.0	A	16.0	
CAS MA582S	MATH STAT	4.0	A	16.0	4.00
					3.67

### SUMMER II 2019

CAS WR150S	WR RSCH INQ	4.0	A-	14.8	3.70
					3.67

### FALL 2019

CAS CS542	MACH LEARNING	4.0			0.0
CAS PH160	REASON&ARGUMENT	4.0			0.0

Cumulative Credits Earned : 120.0  
Cumulative Grade Point Average: 3.67

## ANNOTATIONS

CAS Foreign Language Requirement Satisfied by  
Foreign Language Fluency in MANDARIN.

End of Transcript



## 1974 Family Educational Rights and Privacy Act Information

The information contained on this transcript is not subject to redisclosure to any other party without the expressed written consent of the student or his/her legal representative. It is understood this information will be used only by the officers, employees, and agents of your institution in the normal performance of their duties. This information should be destroyed once its need has been fulfilled.

This transcript is not valid without the authorized signature and the seal of the University.

Christine S. Paal  
Assistant Vice President  
University Registrar

# Boston University

## Office of the University Registrar

### Institutional Policies Affecting the Transcript Evaluation:

#### Grading System

LETTER GRADE	HONOR POINTS	EXPLANATION
A	4.0	
A-	3.7	
B+	3.3	
B	3.0	
B-	2.7	
C+	2.3	
C	2.0	
C-	1.7	
D	1.0	
F	0.0	
AU	Not Applicable	Audit, no credit
NC	Not Applicable	No credit, course not acceptable for degree
H	Not Applicable	Honors
P	Not Applicable	Pass
P*	Not Applicable	Pass, P/F course
F*	Not Applicable	Fail, P/F course

#### Incomplete Coursework Is Shown by the Following Symbols:

I	Incomplete coursework
J	Registration in the same or continuing course necessary to complete requirements
W	Student withdrew from course
MG	Missing grade; grade not assigned
X	Unresolved status (instituted May 1986)

School of Social Work: Prior to the Fall 1981 semester, all subjects graded on P/F/W or I basis.

#### Grade Point Average (GPA)

The GPA is computed by dividing the number of grade points earned by the number of credits attempted. The following grade symbols are not given grade points, and work recorded with any of these symbols is not used in the calculation of grade point averages: H, P, P\*, W, AU, NC, X, and MG. I grades are not computed until additional work is fulfilled and an appropriate letter grade assigned. The grades and credits of all repeated courses are calculated in the GPA. J grades are not computed until the required work in the same or continuing course is completed; at that time, the total credits for the course are computed in the GPA on the basis of the last grading date.

#### Numbering of Courses

000-099	non-degree, no credit
100-199	general undergraduate
200-299	intermediate undergraduate
300-499	advanced undergraduate
500-599	advanced undergraduate and/or graduate level
600-799	general graduate
800-899	advanced graduate
900-999	graduate directed study and research

#### School Name Changes

CAS:	The College of Arts & Sciences was the College of Liberal Arts (CLA).
CFA:	The College of Fine Arts was the School for the Arts (SFA).
CGS:	The College of General Studies was the College of Basic Studies (CBS).
COM:	The College of Communication was the School of Public Communication (SPC).
QST:	The Questrom School of Business was the School of Management (SMG) and the Graduate School of Management (GSM).
SED:	The Wheelock School of Education & Human Development was the School of Education.

#### Academic Calendar

The academic year is divided into Fall and Spring Semesters of approximately 15 weeks each and two 6-week summer sessions. Certain programs and courses do not follow the University's standard academic calendar.

#### Accreditation

Boston University as a whole is accredited by the New England Commission of Higher Education, one of six nationally recognized accrediting agencies. Various schools and colleges within the University are accredited by other agencies as listed in the official University Bulletin.

#### Transcript Requests

Official transcripts are issued only to other institutions, agencies, and employers at the written request of the student. They bear date of issue, signature of a responsible University official, and the Boston University academic seal.

## ACADEMIC HISTORY CONTINUED

## GPA BY TRANSCRIPT

School	School Type	Term Type	Transcript Type	Credit Hours	GPA	Quality Points
BOSTON UNIVERSITY	Undergraduate	Semester	Unofficial	120.0	3.67	440.40

## SUPPORTING INFORMATION

## EXPERIENCE

## INTERNSHIPS &amp; CLINICAL EXPERIENCES

TOTAL HOURS: 180

Experience Type:	Internship	Experience Dates:	11-30-2017/01-18-2018
Recognition Type:	Compensated	Status:	Full-time
Title:	Software developer	Hours per Week:	30
Employer:	Shanghai Clear Crane Corp. Building No.11, No. 2277, Zuchongzhi Road Pudong New District Shanghai Shanghai 201203 China	Total Weeks:	6
		Total Hours:	180
		Experience Details:	Develop software for the department.
Supervisor:	Jidong Liu Senior Software Engineer +8617717821397 liujidong@cleartv.cn	Permit to Contact:	Yes

## TEACHING EXPERIENCE

TOTAL HOURS: 150

Experience Type:	Teaching Experience	Experience Dates:	09-03-2019/ Current
Recognition Type:	Compensated	Status:	Part-time
Title:	Grader	Hours per Week:	10
Employer:	Boston University One Silber Way MCS 112 Boston Massachusetts 02215 United States	Total Weeks:	15
		Total Hours:	150
		Experience Details:	Grade coursework for CS320 Theory of Computation.
Supervisor:	Sofya Raskhodnikova Professor & Associate Chair of the Faculty +16173538919 sofya@bu.edu	Permit to Contact:	Yes

## ACHIEVEMENTS

## HONORS

Name:	Dean's list	Description:
Organization:	Boston University	—
Date:	05-20-2019	

## HONORS

Name:	Dean's list	Description:
Organization:	Boston University	—
Date:	12-25-2018	

## HONORS

Name:	Dean's list	Description:
Organization:	Boston University	—
Date:	05-20-2018	



## SUPPORTING INFORMATION CONTINUED

## ACHIEVEMENTS

## HONORS

Name:	Dean's list
Organization:	Boston University
Date:	12-25-2017

Description:

—

## DOCUMENTS

Document Requested	Uploaded	File Name	Uploaded Date
1. CV/Resume	Yes	1. CV/Resume	12-15-2019
2. Financial Documents (for international students only)	Yes	2. Financial Documents (for international students only)	12-15-2019
4. Passport Copy (for international students only)	Yes	4. Passport Copy (for international students only)	12-16-2019

# Xuanting Chen

Mobile: (+1) 6176469067    Email: bldcxt@bu.edu / bldcxt@gmail.com

Address: 1079 Commonwealth Ave, Apt 205 Boston, MA, 02215 (US)

## SUMMARY

Upcoming graduate of Computer Science Department with fast learning abilities and good working ethics. I live casual lifestyles and I'm always optimistic towards pressure and challenges.

## EDUCATION

<b>2017.01-Present</b>	<b>Boston University, Boston, United States</b> Bachelor Candidate of Arts in <b>Computer Science</b> , Minor in <b>Mathematics</b> Cumulative GPA: 3.7/4.0    Department GPA: 3.9/4.0
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## EXPERIENCE

<b>2019.09-Present</b>	<b>Boston University, Boston, United States</b> <i>Grader, Department of Computer Science</i> <ul style="list-style-type: none"><li>♦ Responsible for homework evaluations of CS332 <i>Theory of Computation</i>. Required solid understandings regarding course materials.</li></ul>
<b>2017.11-2018.01</b>	<b>Clear Crane Corporation, Shanghai, China</b> <i>Software Developer, R&amp;D Department.</i> <ul style="list-style-type: none"><li>♦ Developed a front-end notification module in a WeChat mini program that served as a hotel management system using python. Received very positive feedbacks.</li><li>♦ Participated in a Zigbee-protocol-based home automation project: provided advices on the interactional approaches and established the general framework.</li></ul>

## PROJECTS

<b>2019.09-2019.10</b>	<b>Neural Network for Handwritten Image Recognition- Python</b> <i>A neural network using ReLU activation trained to classify grayscale handwritten images in the MNIST dataset.</i> <ul style="list-style-type: none"><li>♦ Implemented backpropagation algorithm in the gradient computing function.</li><li>♦ Achieved a 96.4% test accuracy within 20 epochs.</li></ul>
<b>2019.02-2019.03</b>	<b>SQL Interpretation Layer for Berkeley DB - Java</b> <i>A middle layer between SQL parser and storage engine that helps Berkeley DB execute SQL commands.</i> <ul style="list-style-type: none"><li>♦ Contributed files for functions including row insertion, table iteration, key-value pair marshalling and selection. Whole system performed flawlessly.</li></ul>
<b>2019.01-2019.05</b>	<b>Private Photo Tracker Webpage – JavaScript</b> <i>A webpage that finds personal photos from the Internet by parsing keywords and selfies.</i> <ul style="list-style-type: none"><li>♦ Responsible for back end database handling with Node.js. Successfully utilized <i>Google Custom Search API</i> and <i>Kairos Face Detection API</i>.</li></ul>

## SKILLS

Proficient in Python, Java, C, SQL, XQuery, NoSQL, assembly language, Git, MS Office, LaTeX.  
Familiar to Hadoop, JavaScript, C++, PC assembly.



中国建设银行  
China Construction Bank

No.: 330100257264

# 个人资信证明书

Certificate of Individual Creditworthiness

个人存款证明(时段)

Certificate of Personal Deposit (Period)

签发日期: 2019 年 12 月 11 日 标识号: 20191211330616585378150  
Issue Date: Year Month Date Identification Code:

兹证明 2019 年 12 月 11 日 至 2020 年 06 月 11 日 / 时 / 分,  
陈海云 先生/女士 (有效身份证件号码: 330702196912216010)

在我行

持有储蓄存款: 人民币陆拾万元整

This is to certify that from 2019/12/11 to 2020/06/11 (Year/Month/Date)  
the amount of Deposits held

by Mr/Mrs. CHEN HAI YUN (Valid ID Number: 330702196912216010)  
at our bank are as follows: RMB600,000.00

序号	账号	开户日期	存款种类	币种	金额
No.	Account No.	Open Date	Type Of Deposit	Currency	Amount
1	6236681480003621558	2019/12/11	定期(Time)	RMB	600,000.00

正本: 交申请人  
Original

有权签发人:  
Authorized Signature

银行签章:  
Bank Seal



提示: 阅读本证明书时请同时阅知证明书背面“声明”。  
Note: Please read this certificate in conjunction with "Statement" on the back of the certificate.



中华人民共和国 PEOPLE'S REPUBLIC OF CHINA



# 护照

# PASSPORT

类型/Type

国家码/Country Code

护照号码/Passport No.

P

CHIN

E3466116

姓名/Name

陈宣廷

CHEN, XUANTING

性别/Sex

国籍 / Nationality

出生日期/Date of birth

男/M

中国/CHINESE

08 NOV 1995

出生地点/Place of birth

浙江/ZHEJIANG

登发日期/Date of issue

26 1月/ JAN 2014

签发地点/Place of issue

浙江/ZHEJIANG

有效期至 / Date of expiry

25 1月/JAN 2024

登发机关/Authority

公安部出入境管理局

## MPS Exit & Entry Administration

持照人簽名 / Bearer's signature

陈宜廷

0221558316

[illegible]

E346611168CHN9511084M2401254LDMCNAPLMNKCA910



## CUSTOM QUESTIONS

### EDUCATIONAL GAP

- \* 1. Do you have an educational gap based on the description provided above?  
Answer: Yes
- \* 2. Please use the drop-down menu to indicate the reason for this educational gap.  
Answer: Other
3. Please explain the reason for your educational gap.  
Answer: I used that time to practice SAT and TOEFL in order to study aboard.

### EUROPEAN UNION DATA PROTECTION

- \* 1. Are you currently located in a European Union country, Iceland, Lichtenstein, Norway, or Switzerland?  
Answer: No

### ADDITIONAL VISA INFORMATION

- \* 1. What type of visa do you plan to attend USC with?  
Answer: F-1 Student
2. Are you currently participating in Optional Practical Training (OPT)?  
Answer: No
3. Please indicate if you plan to bring any of your dependents (i.e. spouse and/or children) with you while you pursue your degree at USC?  
Answer: No

### FINANCIAL AID, AWARDS AND FELLOWSHIPS

- \* 1. Please indicate if you will apply for, or are interested in financial assistance, including federal loans, work-study and private financing?  
Answer: Yes
- \* 2. Have you received, applied for, or are planning to apply for a non-USC fellowship or nationally competitive award?  
Answer: No

## CUSTOM QUESTIONS CONTINUED

### FINANCIAL AID, AWARDS AND FELLOWSHIPS

- \* 3. Have you applied for, received, or are planning to apply for a sponsorship from your employer? If yes, please make sure to upload the proof of sponsorship in the Documents tab within the Supporting Information segment of the application.

Answer: No

- \* 4. Do you wish to be considered for a graduate fellowship or assistantship? (Note: This question is asked for informational purposes only. Because each academic department coordinates its own funding, you should communicate directly with your academic department about available fellowships and assistantships.)

Answer: Yes

### USC BACKGROUND INFORMATION

- \* 1. Did your parents or siblings attend USC?

Answer: No

- \* 2. Are you the first-generation in your family to go to college?

Answer: Yes

- \* 3. Are your parents or spouse employed at USC?

Answer: No

- \* 4. Are you currently employed at USC?

Answer: No

- \* 5. Have you previously applied to or attended USC?

Answer: No

- \* 6. Are you applying for a dual degree at USC? (Note: A dual degree program allows a student to enroll in two graduate programs simultaneously. Dual degree applicants are required to apply to and seek advisement from both schools, and must be accepted by both schools.)

Answer: No

### MARITAL STATUS

- \* 1. Marital Status

Answer: Single

## CUSTOM QUESTIONS CONTINUED

## USC CERTIFICATION AND AUTHORIZATION

- \* 1. (a) I certify that all the information and statements I have provided in this application are correct and complete. I certify that, as required, I have read all application instructions, and have responded truthfully and completely regarding all sources of information related to my undergraduate and/or postgraduate attendance and academic actions at universit(ies) or other institution(s). I have read and understand the application deadline policy of the school(s) at the University of Southern California to which I am applying. I further certify that all information submitted on my behalf, including but not limited to letters of recommendation, transcript evaluations, and test score reports, is authentic. I have read and understand all notices contained in the application and the application instructions informing me of my obligation to provide true and complete answers to all questions.
- (b) I understand that withholding pertinent information or giving false information on this application will be cause for denial of admission to the University of Southern California and any of its school(s), withdrawal of any offer of admission, cancellation of registration, expulsion from the University of Southern California or any of its school(s) after I have been admitted, or revocation of my degree. I understand that the University of Southern California reserves the right to withdraw an offer of admission if I fail to maintain satisfactory scholastic standing for work in progress, final records fail to show completion of courses and/or degrees required for admission, or if there is a change in the circumstances affecting information I have provided on this application.
- (c) I give my permission to officials at all institutions that I have attended to release information requested by any school(s) at the University of Southern California to which I have applied. I understand that my application and materials submitted with my application become the property of the University of Southern California and will not be returned to me or duplicated for me for any reason. I understand that the information furnished in conjunction with this application will be treated confidentially and will be disclosed only in accordance with the University of Southern California's policies governing privacy of student education records.
- (d) I hereby agree to release, discharge, and absolve the University of Southern California, all subsidiary or affiliated entities including but not limited to the school(s) at the University of Southern California to which I have applied, their respective officers, directors, shareholders, employees, agents and representatives and all of their successors and assigns from any and all claims, demands, actions, suits, losses, expenses, costs and liabilities of any nature whatsoever which I, my heirs, executors, administrators and assigns, had, now have or may hereafter have against any of them arising out of or in connection with my application to any school(s) at the University of Southern California.
- (e) I understand that my application will not be processed until my application fee has been paid in full or properly waived. I understand that application fees are nonrefundable under any circumstance.

Answer: Your certification of this statement serves the same purpose as a legal signature, and is binding.

## DESIGNATIONS

## COMPUTER SCIENCE (PHD)

Organization:	Viterbi School of Engineering	Delivery:	On-Campus
Department:	Computer Science	Submitted Date:	12-15-2019
Program Level:	Doctoral	Completed Date:	12-16-2019
Start Term:	Fall 2020	Verified Date:	—
Campus:	—	Application Status:	Complete
		Academic Update Status:	—
		Last Updated:	12-16-2019

## SUPPLEMENTAL QUESTIONS

## AREAS OF INTEREST

- \* 1 Area of Interest 1  
Answer: Machine Learning
- 2 Area of Interest 2  
Answer: Robotics
- 3 Area of Interest 3  
Answer: Artificial Intelligence
- 4 Other Area Interest: If one of your top three areas of interest is not listed above then indicate it in the box below  
Answer:

## FACULTY

- \* 1 Faculty 1  
Answer: PENG Nanyun
- 2 Faculty 2  
Answer: PUJARA Jay
- 3 Faculty 3  
Answer: SOLEYMANI Mohammad
- 4 Comments: Please use the box below for any comments you may have on Faculty selected  
Answer:

## RESEARCH EXPERIENCE

- \* 1 Describe your pertinent research experience, training and publications. For your Research Experience, please describe in your own words the overall goals, your role in the research project, whether you worked independently or as part of a group and the overall results that you obtained. For publications, please provide the complete reference information that would be included in a scientific journal such as Science, Nature or Cell.  
Answer: I haven't participated in any research activities yet since I focused on coursework during my undergraduate studies. However, I believe I have laid a solid foundation for research during the past years and I also have confidence in my comprehensive ability.

## COMPUTER LANGUAGES

- 1 Please list any computer languages you have working experience with.  
Answer: Python, Java, C, Javascript



## DESIGNATIONS CONTINUED

## COMPUTER SCIENCE (PHD)

## REFERENCES

<b>Hongwei Xi</b>	<b>Type: Comprehensive Recommendation</b>
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<b>Occupation:</b> Professor <b>Professional Title:</b> Associate Professor <b>Organization:</b> Boston University <b>Email:</b> hwxi@bu.edu <b>Telephone:</b> 6173582511 <b>Request Date:</b> 12-14-2019 <b>Response Due Date:</b> 12-20-2019 <b>Status:</b> Completed <b>Date Completed:</b> 12-16-2019	<b>Waiver of Evaluation:</b> Yes <b>Permission to Contact:</b> Yes <b>School Permission to Contact:</b> Yes
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<b>Sofya Raskhodnikova</b>	<b>Type: Comprehensive Recommendation</b>
----------------------------	---

<b>Occupation:</b> faculty <b>Professional Title:</b> Professor of Computer Science <b>Organization:</b> Boston University <b>Email:</b> sofya@bu.edu <b>Telephone:</b> 16173538919 <b>Request Date:</b> 12-14-2019 <b>Response Due Date:</b> 12-20-2019 <b>Status:</b> Completed <b>Date Completed:</b> 12-16-2019	<b>Waiver of Evaluation:</b> Yes <b>Permission to Contact:</b> Yes <b>School Permission to Contact:</b> Yes
---	---

<b>Jidong Liu</b>	<b>Type: Comprehensive Recommendation</b>
-------------------	---

<b>Occupation:</b> — <b>Professional Title:</b> — <b>Organization:</b> — <b>Email:</b> liujidong@cleartv.cn <b>Telephone:</b> — <b>Request Date:</b> 12-14-2019 <b>Response Due Date:</b> 12-20-2019 <b>Status:</b> Completed <b>Date Completed:</b> 12-16-2019	<b>Waiver of Evaluation:</b> Yes <b>Permission to Contact:</b> Yes <b>School Permission to Contact:</b> Yes
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## DOCUMENTS

Document Requested	Uploaded	File Name	Uploaded Date
Personal Statement	Yes	Personal Statement	12-15-2019

## Statement of Purpose

I am applying to the doctoral program in Computer Science at the University of Southern California in pursuit of a career dedicated to academic research. I enjoy academic work because I enjoy the reasoning process that boils things down to their essence. I choose computer science as my main field as a continuation of my undergraduate study. The past three years of immersion in this area revealed to me the glamour of this subject as a discipline of problem-solving. Whether thinking through a sophisticated algorithm or debugging an actual program, computer science increases my appreciation for resolving difficult problems and changes how I view the world to a great extent. Hence, I would like to continue the journey and further explore the disciplines in this area.

As a top student in my department, I am confident to say that I have laid a solid foundation for my future in higher education. For every major-related course I have taken, I always ranked, through hard work and determination, in the top percentage of my class which results in a major GPA of 3.90. By all accounts, what lies behind these figures is more than just numbers; it is the demonstration of my eagerness to far exceed my capabilities. In addition, my three-year undergraduate study has taught me lessons of self-improvement and persistence. For instance, I will try my best to grasp the knowledge in an area regardless of how difficult it might be. This is demonstrated when I took two upper-level mathematical courses in order to prepare for CS542, a machine-learning course that delved extensively into linear algebra, mathematical statistics, and probability.

This semester, I had the pleasure of becoming a grader for CS332, Theory of Computation. This experience allowed me to practice my work ethic and balance my responsibilities in a timely manner. For me, being a grader was challenging and eye-opening because it helped me realize that there are many different problems that require me to fully understand the material in order to explain and effectively communicate concepts to students who had questions or concerns in regard to their mistakes. I really wanted to work as a grader because I was once a student myself. I understand the struggles and challenges in which I have endured. After my professor offered me the position, I was more than ecstatic because I realized that it is my responsibility to teach the new wave of students and help them fully understand the concepts that once pondered me. In addition, working alongside Ph.D. graduates made me realize that my education after an undergrad is not yet over. I have to continue to learn to broaden my knowledge and gain a new perspective on difficult concepts.

My primary interest in computer science lies in machine learning because I think it is essential in the future of society. Old and outdated software uses computers as tools for problem-solving while the problem-solvers remain as humans. With machine learning, it is foreseeable that one day machines could replace humans and take their own initiative. However, the current machine learning approach, in my opinion, does not truly merit its name. Instead of being learning machines, they are more like data-shaped machines which can be told by the huge amount of data required for training. On the other hand, almost all mainstream models are trained for single tasks, which greatly limits their learning abilities. Each model stays as

separated from others and hardly ever provides complementary functions. During my internship as a software developer, the most frequent model I used was Linear Regression since given the huge amount of data I had to handle, training other sophisticated models like Support Vector Machines is not time efficient. From my experiences, it made me realize the bottlenecks of machine learning and I hope, with further explorations and depth into this area, I could contribute to solutions for issues in regards to Machine Learning.

Besides machine learning, I am also very much excited about the innovative changes in the robotics industry. In my opinion, communication technology serves not only for communications between humans but also for machines. In the time of 4G, the major problem confronting machine-wise interactions of critical missions such as auto-driving and remote surgery is the huge latency and relatively large location inaccuracy. However, the emergence of 5G could provide us with a more accurate and reliable machine language with incredibly low latency. Thus, I would like to dive into the field of robotics to see new probabilities for devices such as drones and robotic dogs in the future.

For me, the value of education is to combine the unknown with the known in order to benefit society which is where my journey and passion started. My experiences and intellectual curiosity strongly proves my focus on my passion for learning and applying my knowledge and curiosity to lengths far beyond the classroom. Always having the passion to gain new insights, always being ready for upcoming challenges, I, therefore, decided to apply for a higher degree as an attempt to further my education as well as to deepen my interpretation of the world. After careful consideration, I believe the doctoral program in Computer Science at the University of Southern California is a perfect option. Primarily, this program is equipped with ample educational resources such as many pioneer courses and the most knowledgeable professors. Moreover, the Viterbi School of Engineering is widely known to have a diverse and friendly community full of people with intellectual achievements. I hope I could have a chance to meet with them and obtain unique inspirations. My experience as a grader taught me the importance of mutual help between students. Hence, I will always generously offer my help as a way to grow with the community. I hope I could continue to challenge myself after graduation, to engage in deeper researches to understand the unknown.

## EVALUATIONS

## EVALUATOR INFORMATION

Hongwei Xi

Title: Associate Professor  
Occupation: Professor  
Organization: Boston University  
Email: hwxi@bu.edu

Daytime Phone: 6173582511  
Date Completed: 12/16/2019  
Status: Completed

I waive my right of access to this evaluation: YES

How long have you known the applicant? 1-2 years

How well do you know the applicant? Moderately

In what capacity do you know the applicant? Instructor/Professor

Against which group are you comparing the applicant? (e.g. All students I know who have entered graduate school, all students I have taught, etc.) Juniors and Seniors at BUCS

What are the applicant's chief weaknesses or areas of growth? Lack of research experience

Please indicate you have read and understood the following instructions: Please move your mouse over numbers 1 through 5 of the evaluation scale below to determine the range designations (percentage) before you make your selection. true

## REFERENCE RATINGS

	Not Observed	Poor (1)	Below Average (2)	Average (3)	Good (4)	Excellent (5)
Integrity						✓
Interpersonal Relations				✓		
Oral Communications					✓	
Self-Awareness					✓	
Analytical Ability						✓
Research Ability					✓	
Initiative					✓	
Potential for Success in Chosen Field						✓
Maturity					✓	
Self-Confidence				✓		
Written Communication					✓	
Overall Evaluation					✓	

## RECOMMENDATION CONCERNING ADMISSION

I highly recommend this applicant



COMPUTER SCIENCE DEPARTMENT  
BOSTON UNIVERSITY  
111 CUMMINGTON STREET  
BOSTON, MASSACHUSETTS 02215, USA

*Asso. Prof. Hongwei Xi*  
e-mail: [hwxi@cs.bu.edu](mailto:hwxi@cs.bu.edu)  
tel: +1 617 358 2511  
fax: +1 617 353 6457

December 16, 2019

Subject: RE: Xuanting Chen

**To Whom It May Concern:**

It is my great pleasure to write this letter in support of Xuanting Chen's MS application.

I first met Xuanting when teaching CS320 in Summer, 2018, a core programming course at BUCS that focuses on functional programming. He excelled in the course and received A at the end. I would easily rank him among the top 10% in all of the similar classes I taught.

Xuanting is a programmer who is especially strong at implementing complex algorithms. What impressed me most is his enthusiasm in building systems and his use of logical reasoning in detecting programming errors. I recently learned Xuanting's decision to pursue MS degree in Computer Science. I have total confidence in him succeeding in it. If Xuanting had wanted to study programming languages and program verification at Boston University, I would have taken him as a MS student of my own without any hesitation.

Sincerely Yours,

Hongwei Xi  
Associate Professor  
Computer Science Department  
Boston University  
Boston, MA 02215, USA

## EVALUATIONS CONTINUED

## EVALUATOR INFORMATION

Sofya Raskhodnikova

Title: Professor of Computer Science  
 Occupation: faculty  
 Organization: Boston University  
 Email: sofya@bu.edu

Daytime Phone: 16173538919  
 Date Completed: 12/16/2019  
 Status: Completed

I waive my right of access to this evaluation: YES

How long have you known the applicant? 1-2 years

How well do you know the applicant? Moderately

In what capacity do you know the applicant? Instructor/Professor

Against which group are you comparing the applicant? (e.g. All students I know who have entered graduate school, all students I have taught, etc.) All undergraduate students I have taught

What are the applicant's chief weaknesses or areas of growth? See my letter

Please indicate you have read and understood the following instructions:  
 Please move your mouse over numbers 1 through 5 of the evaluation scale below to determine the range designations (percentage) before you make your selection.

true

## REFERENCE RATINGS

	Not Observed	Poor (1)	Below Average (2)	Average (3)	Good (4)	Excellent (5)
Integrity	✓					
Interpersonal Relations	✓					
Oral Communications	✓					
Self-Awareness	✓					
Analytical Ability	✓					
Research Ability	✓					
Initiative	✓					
Potential for Success in Chosen Field	✓					
Maturity	✓					
Self-Confidence	✓					
Written Communication	✓					
Overall Evaluation	✓					

## RECOMMENDATION CONCERNING ADMISSION

I highly recommend this applicant

December 15, 2019

Dear colleagues,

I am pleased to recommend Xuanting Chen for your graduate program in computer science. Xuanting was a student in my Elements of the Theory of Computation (CS 332) course at Boston University in Fall 2018. Most students in the class were juniors and seniors majoring in computer science (some also double majoring in mathematics). There were also a couple of graduate students. The course is challenging, proof-based, and requires mathematical maturity and solid problem solving. It covers topics from automata theory, computability and complexity, following the standard introductory textbook on the subject by my Ph.D. advisor, Michael Sipser.

Xuanting got an A in the course. Even though the material was clearly challenging for him, he worked hard and significantly improved towards the end of the semester. He has a solid understanding of the material, and I would recommend him as a teaching assistant for the course.

In Fall 2019, Xuanting worked as a grader for the course. More precisely, he took upon himself two grading positions and did an excellent job. The second grader for the course was a PhD student, but after watching them both grade a couple of homework assignments, my teaching assistant and I decided to give Xuanting harder problems. On several occasions, he also volunteered to grade more than his share when it wasn't easy to divide the work evenly. He always graded thoroughly and never rushed just to complete the grading and move on. Xuanting is hardworking, reliable, provides useful and detailed feedback to students, and is able to grade multiple approaches to homework problems, no matter how much they differ from the official solutions we provide.

I believe Xuan has excellent potential in graduate studies in computer science.

Sincerely yours,



Sofya Raskhodnikova  
Professor of Computer Science  
Boston University

## EVALUATIONS CONTINUED

## EVALUATOR INFORMATION

Jidong Liu

Title:	—	Daytime Phone:	—
Occupation:	—	Date Completed:	12/16/2019
Organization:	—	Status:	Completed
Email:	liujidong@cleartv.cn		

I waive my right of access to this evaluation: YES

How long have you known the applicant? 1-2 years

How well do you know the applicant? Moderately

In what capacity do you know the applicant? Internship/Job Shadowing

Against which group are you comparing the applicant? (e.g. All students I know who have entered graduate school, all students I have taught, etc.) All students took internships in my department

What are the applicant's chief weaknesses or areas of growth? Not always motivated, but he could still get his job done with high quality.

Please indicate you have read and understood the following instructions: true  
Please move your mouse over numbers 1 through 5 of the evaluation scale below to determine the range designations (percentage) before you make your selection.

## REFERENCE RATINGS

	Not Observed	Poor (1)	Below Average (2)	Average (3)	Good (4)	Excellent (5)
Integrity					✓	
Interpersonal Relations					✓	
Oral Communications	✓					
Self-Awareness					✓	
Analytical Ability						✓
Research Ability						✓
Initiative				✓		
Potential for Success in Chosen Field						✓
Maturity					✓	
Self-Confidence				✓		
Written Communication	✓					
Overall Evaluation						✓

## RECOMMENDATION CONCERNING ADMISSION

I highly recommend this applicant



Dec 9, 2018

**Reference Letter for Mr. CHEN Xuanting**

Dear Sir or Madam,

Please allow this letter to be my enthusiastic reference for Mr. CHEN Xuanting. Xuanting interned with my team at Shanghai Qinghe Technology Co., Ltd, and worked as an intern software engineer. The duration of his internship is 1 month and it ended on Jan 15<sup>th</sup> 2018. From his performance during his internship, he showed a good foundation in computer programming, the ability to learn fast, curiosity and independent research capability.

During the internship process, the most important task of Xuanting was to help develop a mini program on the platform of WeChat, which functioned as a bulletin board for one of our clients. In this project, he fully demonstrated his solid knowledge of computers, good logic, and ability to learn quickly. Since the WeChat mini program platform was just launched in the market, our programmers were not very familiar with its development. On the basis of the general situation I explained to Xuanting, he checked a lot of information online and carefully analyzed the needs of clients. Through his own research and discussions with colleagues, he finally accomplished this task very well, and received praise from our clients.

After his completion of the said task, I found that Xuanting has a great potential in developing software. I then invited him into our other project in developing home automation solution for hotels. Due to the complexity and difficulty of the skills involved in this project, we had several meetings of discussion towards the services we would be providing. I was impressed with Xuanting's logical capabilities, especially with functionality realization. He was not only good at analyzing the relations between different modules, but also raised his own innovative ideas. In his spare time, he studies new edge-cutting programming skills and shared with our team.

In addition, he was enthusiastic about his job on other aspects. In his spare time, he helped the company in welding hardware board, which was very helpful since that the company did not have any professionals in welding. He taught himself all kinds of electronic components packages, including DIP, QFP, SOP, PLCC, and BGA, and successfully welded ZigBee chip and CC2530 chip. Xuanting also has good interpersonal abilities and gets along with colleagues well. I believe that in the internet technology field, teamwork is the core concept of successful projects. People like Xuanting, who can work independently as well as in a team, and who has a good knowledge as well as willingness to study more, is the most-needed talent in the field.

Last but not least, I would like to express my acknowledgement of Mr. CHEN Xuanting in his working capacities and personalities. I here Therefore, I enthusiastically recommend him to you. Further inquiries are welcomed at liujidong@cleartv.cn.

With best regards,

LIU Jidong



Engineer, R&D Department

Shanghai Qinghe Technology Co., Ltd.

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