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Application Program Selector

Form Title	Application Program Selector
Are you a current student at UCSD? *	No
Have you previously applied to or attended UCSD in any capacity? (Summer school, undergraduate, or education abroad program) *	No
Have you previously registered as a graduate student at UCSD? (Excluding School of Medicine, Skaggs School of Pharmacy, or UC Extension) *	No
Degree Type *	Doctor of Philosophy
Program Interest	Computer Engineering - CSE (PhD)
Entry Term	2023 Fall

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Biographical Information

Biographical

First Name Xiaoqin
Last Name Feng
Birthdate 09/21/1994

Contact

Email fengxqinx@gmail.com
Phone +86 130 0107 5577
Mailing Address Bojin Apartment, Wuzhong District
Suzhou, Jiangsu 215100
China
Permanent Address Bojin Apartment, Wuzhong District
Suzhou, Jiangsu 215008
China

Citizenship

Citizenship Status Foreign National
Primary Citizenship China
Visa Type No visa at this time
Preferred Personal Pronouns She/Her

Residency and Applicant Data

Form Title	Residency and Applicant Data
City of Birth (Max 15 characters) *	Chengdu
Country of Birth*	China
Country of Legal Residence*	China

Disability Status

Disability Status *

No

Gender and Sexual Orientation

Form Title	Gender and Sexual Orientation
Gender Identity	
How do you describe yourself?	Female
Sexual Orientation	
Do you consider yourself to be...	Heterosexual or straight
Gender Expression	
Gender Expression	Mostly feminine

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High School Information

Form Title	High School Information
Education Information	
High School Name	Suining Advanced Experimental School
High School Location (city, state)	Suining, Sichuan, China
High School Graduation Year	09/2012

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California Community College

Form Title California Community College

California Community College

Have you ever attended a California Community College?*

No

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Academic History

Graduate Degree #1

Institution	Beijing University of Technology (3034395862)
Dates of Attendance	09/2016 - 07/2019
Location	Beijing, Beijing, China
Degree	Bachelor of Science: 07/2019
Major	Software Engineering
GPA	86 / 100

Bachelor's Degree or Equivalent #1

Institution	Southwest Minzu University
Dates of Attendance	09/2012 - 07/2016
Location	Chengdu, Sichuan, China
Degree	Bachelor of Engineering: 07/2016
Major	Computer Science
GPA	3.66 / 4

COVID-19 Personal Statement

Form Title

COVID-19 Personal Statement

**This section of the application gives you an opportunity to describe how COVID-19 has impacted your educational experience in relation to your academic performance or grading scale. For example:
"For the spring semester, my university let us take two class**

My study and work have not been affected by COVID-19. I obtained my Master's degree in 2019 when COVID-19 was just beginning.

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Disciplinary Violation

Form Title Disciplinary Violation

Disciplinary Violation

Disciplinary Violation No

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English Language Proficiency

Form Title	English Language Proficiency
Based on the information provided above,	No

Copy Test Scores

TOEFL

TOEFL-Internet-based Test (iBT) Verified Score
Date: 07/20/2022
Total: 79
Listening: 22
Reading: 19
Writing: 19
Speaking: 19

Computer Science Application Questions

Form Title	Computer Science Application Questions
Area of desired research specialization - First Preference *	Artificial Intelligence and Machine Learning
Area of desired research specialization - Second Preference *	Data Science
What are your research interests? *	Natural Language Processing and Data Mining
What is your research experience (including publications)? *	<p>Research Experience</p> <p>[Jul. 2019 - Present] Mobvoi AI Lab, Senior Speech Engineer, I have mainly been focused on text information extraction of text-to-speech on multi- and cross- lingual domain, including semantic NLP and emotional NLP. I working as a mentor (3 interns), co-developer, and researcher. Key results: (1) online server application (algorithm interface) (1000K+users) (2) one regular staff opportunity for my intern (3) co-author submission to PRML (intern) + five patents (4) first-author submission to ICASSP + two patents(reviewing).</p> <p>[Aug. 2018 - Dec. 2018] TAL AI Lab, Algorithm Research Intern, I did research on deep knowledge tracing based on question-answer series. I worked as a researcher. Key results: (1) Outstanding Intern (2) regular staff opportunity (3) co-author submission to AIED (with Ph.D. Wang).</p> <p>[Jun. 2018 - Aug. 2018] DeeCamp AI Lab, Research Team Member, I did research on 'Movie Recommendation based on Knowledge Graph'. I cooperated with two Ph.D. three M.Sc. as a team member. Key results: (1) Excellent Team (2) Internship opportunity</p> <p>[Jul. 2018 - Aug. 2018] TAL FutureCamp AI Lab, Research Team Member, I did research on 'Recommendation System for Movie' as a team member. Key results: (1) Internship opportunity</p> <p>[Sep. 2017 – Dec. 2017] Ali Tianchi Competition, Competitor, our topic was predicting user's current store location based on user consumption data(one million+) and I was one of the team member. Key results: (1) Preliminary: 52/2845, Final:19/2845</p> <p>[Sep.2014 – Jul.2019] Master's Study on Software Engineer</p> <p>[Sep.2012 – Jul.2016] Master's Study on Computer Science.</p> <p>Publication</p> <p>[1] Chi W, Feng X(*equal contribution), Chen Y, et al. Stress Prediction Based on Multi-Granularity Linguistic Knowledge. IEEE International Conference on Acoustics, Speech and Signal Processing International Conference on Pattern Recognition and Machine Learning, 2023(ICASSP'23, under review)</p> <p>[2] Zhang J, Feng X, Chen Y, et al. Prosody Prediction with Discriminative Representation Method. International Conference on Pattern Recognition and Machine Learning, 2022(PRML'22)</p> <p>[3] Wang Z, Feng X, Tang J, et al. Deep Knowledge Tracing with Side Information. International conference on artificial intelligence in education.Springer, Cham, 2019(AIED'19).</p> <p>[4] Feng X, Xie R, Sheng J, et al. Population statistics algorithm based on MobileNet. Journal of Physics: Conference Series. IOP Publishing, 2019(ICSP'19)</p>

Computer Science Application Questions

[5] Rong Xie, Feng X A method of quick edge detection based on Zynq. International Conference on Cloud Computing and Internet of Things, 2018(CCIOT'18)

[6] Sheng J, Feng X Research on the Internet of Things Platform for Smart and Environmental Protection. International Conference on Cloud Computing and Intelligence Systems, 2018(CCIS'18)

patents: CN111078898A, CN110970013A, CN111145724A, CN111079428A, CN111178042A

With which faculty in the CSE Department are you interested in conducting research? - First Choice *

Shang, Jingbo

With which faculty in the CSE Department are you interested in conducting research? - Second Choice *

Hu, Zhiting

Why are you interested in conducting research with these faculty? Provide your interests for each faculty member you listed above. *

Professor Jingbo Shang's research about NLP, text mining in massive data, information extraction and their data-oriented methods.

Professor Zhiting Hu's research in NLP, structure knowledge acquisition and controllable text generation.

List academic awards you have received

[1] Ali Tianchi BigData Competition Sep. 2018, Good,19/2845 Beijing, China

[2] National Scholarship Sep. 2016, Southwest Minzu University Chengdu, China

[3] Outstanding Secretary of the Youth League Scholarship May 2014, Southwest Minzu University Chengdu, China

[4] Annual Excellent Student Innovative Project Sep. 2013, Southwest Minzu University, 2nd Award Chengdu, China

[5] Outstanding Student Scholarship Jun. 2013, Jun. 2014 Southwest Minzu University Chengdu, China

Have you previously applied to any CSE graduate program? *

No

Reference #1

Name	Mr. Yunlin Chen
Organization	Mobvoi
Title	Technical Director
Relationship	Employer and Supervisor
Phone	+86 185 5698 8875
Email	yunlinchen@mobvoi.com
Name Displayed to Recommender	Xiaoqin Feng
Waiver	Buckley Amendment Waiver
Waiver Response	I waive my right to access this report.
Waiver Signature	Xiaoqin Feng
Recommendation Requested	12/11/2022
Recommendation Submitted	12/13/2022

Reference #2

Name	Dr. Changkun Ou
Organization	LMU Munich
Title	Ph.D. candidate
Relationship	Alumni
Phone	+49 1577 2142480
Email	changkun.ou@ifi.lmu.de
Name Displayed to Recommender	Xiaoqin Feng
Waiver	Buckley Amendment Waiver
Waiver Response	I waive my right to access this report.
Waiver Signature	Xiaoqin Feng
Recommendation Requested	12/11/2022
Recommendation Submitted	12/12/2022

Reference #3

Name	Dr. Zhiwei Wang
Organization	LinkedIn Corporation
Title	Senior Software Engineer
Relationship	Research Advisor
Phone	+1 517-775-9958
Email	zhiwwang@linkedin.com
Name Displayed to Recommender	Xiaoqin Feng
Waiver	Buckley Amendment Waiver
Waiver Response	I waive my right to access this report.
Waiver Signature	Xiaoqin Feng

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Reference (continued)

Recommendation Requested12/11/2022

Recommendation Submitted12/12/2022

Reference #4

NameProf. Lei Xie

OrganizationNorthwestern Polytechnical University

TitleHead of ASLP@NPU, Senior Member IEEE, Associate Editor, IEEE/ACM

RelationshipResearch Advisor

Phone+86 135 7229 8665

Emaillxie@nwpu.edu.cn

Name Displayed to RecommenderXiaoqin Feng

WaiverBuckley Amendment Waiver

Waiver ResponseI waive my right to access this report.

Waiver SignatureXiaoqin Feng

Recommendation Requested12/12/2022

Recommendation Submitted12/12/2022

Additional Experiences (Optional)

Form Title

Additional Experiences (Optional)

Leadership (e.g., coordination of volunteer activities, board member in student organization, residential life, etc.)

Personal or Professional Ethics (e.g., experience with an ethical code, conduct seminars, IRB training, etc.)

Research (e.g., undergraduate research, involvement in McNair or similar programs, independent or group study with a professor or other researcher, research outside of academia, full-time research after college, etc.)

Overcoming Adversity (e.g., overcoming educational, social, cultural, economic, barriers, or barriers related to accessibility, etc.)

Leadership (e.g. coordination of volunteer activities, board member in student organization, residential life, student government etc.)

During college, I was the League Secretary in my class for four consecutive years, where I organized several public activities such as the "Talking Show", "Formal Presentation", "Community Service", and my favorite show-"Singing Aloud". I have been honored by committees of the university as an Outstanding Secretary of the Youth League. I am a mentor for an annual average of three interns in Mobvoi AI Lab, and I lead several modules of construction and optimization with my interns and colleagues.

Overcoming Adversity (e.g. overcoming educational, social, cultural, economic, barriers, or barriers related to accessibility, etc.)

When I decided to apply Ph.D., my family and friends were shocked as they thought it crazy for reasons like age, COVID-19, finances, etc. However, I understand this decision began one year ago and is solemn, well-prepared, and promised. I never regard age or gender as barriers to pursuing my dream, as higher education should be for everyone with desire, motivation, and passion. Moreover, I seized the opportunity to work with different professors and Ph.D. students to better prepare myself for future research, during which I developed my research sensitivity and hands-on research skills and brought my academic results to top conferences.

Personal or Professional Ethics (e.g. experience with an ethical code, conduct seminars, IRB training, etc.)

I can be responsible for my work and life. For personal ethics, I have honesty, openness, and a sense of responsibility, making me obtain a more meaningful and colorful life. For professional ethics, I cultivated carefulness, persistence, consideration, and responsibility in my work, making my values and dreams come true as I hope to contribute to my research field.

Research (e.g. undergraduate research, involvement in McNair or similar programs, independent or group study with a professor or researcher, research outside of academia, full-time research after college, etc.)

Research Experience

Jul. 2019 - Present] Mobvoi AI Lab, Senior Speech Engineer, I have mainly been focused on text information extraction of text-to-speech on multi- and cross- lingual domain, including semantic NLP and emotional NLP. I working as a mentor (3 interns), co-developer, and researcher. Key results: (1) online server application (algorithm interface) (1000K+users) (2) one regular staff opportunity for my intern (3) co-author submission to PRML (intern) + five patents (4) first-author submission to ICASSP + two patents(reviewing).

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[Jun. 2018 - Aug. 2018] DeeCamp AI Lab, Research Team Member, I did research on 'Movie Recommendation based on Knowledge Graph'. I

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Additional Experiences (Optional) (continued)

cooperated with two Ph.D. three M.Sc. as a team member. Key results:

(1) Excellent Team (2) Internship opportunity

[Jul. 2018 - Aug. 2018] TAL FutureCamp AI Lab, Research Team

Member, I did research on 'Recommendation System for Movie' as a team member. Key results: (1) Internship opportunity

[Sep. 2017 – Dec. 2017] Ali Tianchi Competition, Competitor, our topic was predicting user's current store location based on user consumption data(one million+) and I was one of the team member. Key results: (1) Preliminary: 52/2845, Final:19/2845

[Sep.2014 – Jul.2019] Master's Study on Software Engineer

[Sep.2012 – Jul.2016] Master's Study on Computer Science.

Teaching Experience

Lecture - Embedded System Design Practice, as a teaching assistant at BJUT, for M.Sc. students, approx. 80 students each year. 2018

Company - Speech & NLP, as a mentor at Mobvoi, for interns (students), avg. 3 students each year. 2012~ Present

Form Title Other

Sponsoring Organizations

Have you applied to or will you receive third-party sponsorship (or outside fellowship) for your educational expenses from any of the following? If not receiving any funding, please select 'none'. *

None

How did you learn about UCSD's graduate programs?

Please select all the ways you have learned about UC San Diego's Graduate Programs.

Directories of Graduate Programs

UCSD Website

California Forum for Diversity in Graduate Education

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Application Fee Waiver International

Form Title

Application Fee Waiver International