

# Qiaochu “Chloe” Chen

Multilingual | Computational

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## Profile Statement

Adaptive and driven Mandarin-English bilingual with a passion in languages and technology  
Plans to pursue a career that combines linguistics skills with software engineering to process various language data for text mining or developing machine natural language understanding

## Skills

<b>TECHNOLOGY</b>	Proficient in Python and Java Libraries: NLTK, scikit-learn, gensim, Apache Spark	Familiar with Haskell, MySQL, C, C++
<b>LANGUAGE</b>	Mandarin Chinese (native proficiency) French (limited working proficiency)	English (bilingual proficiency) Arabic (elementary proficiency)

## Education

<b>BACHELOR OF SCIENCE</b>	Expected Date of Graduation:
Tulane University, New Orleans, LA	May, 2018
Majors: Linguistics & Computer Science	
Minors: Psychology & Art History	

## Relevant Experience

<b>DATA ANALYTICS INTERN</b>	<b>May-August 2017</b>
Pacific Northwest National Laboratory	Python, Java Richland, WA
<ul style="list-style-type: none"><li>Developed multilingual classifier that processes Chinese, Arabic, and French web text for relevance classification task</li><li>Compared word embedding and topic modeling approaches with different machine learning algorithms, and evaluated results based on data in the original languages</li></ul>	
<b>PROGRAMMING INTERN</b>	<b>June – August 2016</b>
The LINGUIST List	Python, Django, D3.js, HTML, CSS Bloomington, IN
<ul style="list-style-type: none"><li>Developed InfoVis tree view on MultiTree project, enabling multiple-parent relationship to be reflected within language families (<a href="http://new.multitree.org">http://new.multitree.org</a>)</li><li>Collaborated with intern team to build new interface for LL-MAP interactive map project (<a href="http://new.llmap.org/map/viewer">http://new.llmap.org/map/viewer</a>)</li></ul>	

## Relevant Coursework

Natural Language Processing	Computational Linguistics	Human Computer Interaction
Intro to Machine Learning	Intro to Artificial Intelligence	Intro to Algorithms
Language & Thought	Phonology & Syntax	Probability & Statistics

## Additional Experiences

<b>PART-TIME TRANSLATOR</b>	<b>October 2014- Present</b>
Participatory Culture Foundation	Boston, MA
<ul style="list-style-type: none"><li>Provide professional simplified Chinese translation and video captioning services to companies and institutions such as Udacity and the Metropolitan Museum of Art</li><li>Work remotely in collaborations and ensure timely and high-quality completion of all projects</li></ul>	
<b>PRODUCTION MANAGER</b>	<b>August 2015- May 2017</b>
TEDxTU	New Orleans, LA
<ul style="list-style-type: none"><li>Organized the 2016 and 2017 TEDx event at Tulane University, each with 10 speakers participating and over 1000 admission tickets sold</li><li>Oversaw speaker training, communications and outreach for the 2017 event</li></ul>	
<b>PRESIDENT</b>	<b>August 2016- May 2017</b>
Tulane Chinese Students and Scholars Association	New Orleans, LA
<ul style="list-style-type: none"><li>Planned school-wide events with more than 400 people in attendance to build connections between languages and cultures</li></ul>	