

# Chao Jiang

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<b>CONTACT INFORMATION</b>	756 W Peachtree St NW Georgia Institute of Technology Atlanta, GA 30308	Phone: 01-434-227-9935 Email: <a href="mailto:chaojiang@gatech.edu">chaojiang@gatech.edu</a> <a href="https://chaojiang06.github.io/">https://chaojiang06.github.io/</a>
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**RESEARCH INTERESTS**      Natural Language Processing, Machine Learning and Social Media

<b>EDUCATION</b>	<i>Georgia Institute of Technology</i> Ph.D. student in Computer Science and Engineering Advisor: Professor Wei Xu Atlanta, GA 08/2020 - present
	<i>The Ohio State University</i> Ph.D. student in Computer Science and Engineering Advisor: Professor Wei Xu Columbus, OH 08/2018 - 08/2020
	<i>University of Virginia</i> Master in Computer Science GPA: 3.97 Charlottesville, VA 08/2016 - 05/2018
	<i>Tianjin University</i> Bachelor of Engineering in Communication Engineering GPA: 83.12/100 (87.27/100 in junior and senior years) Tianjin, China 09/2011 - 07/2015

**PUBLICATIONS**

- [1] Neural CRF Model for Sentence Alignment in Text Simplification  
**Chao Jiang**, Mounica Maddela, Wuwei Lan, Yang Zhong and Wei Xu  
ACL 2020, long paper (acceptance rate 22.7%)
- [2] Discourse Level Factors for Sentence Deletion in Text Simplification  
Yang Zhong, **Chao Jiang**, Wei Xu and Junyi Jessy Li  
AAAI 2020, long paper (acceptance rate 20.6%; oral presentation)
- [3] Learning Word Embeddings for Low-Resource Languages by PU Learning  
**Chao Jiang**, Hsiang-Fu Yu, Cho-Jui Hsieh and Kai-Wei Chang  
NAACL-HLT 2018, long paper (oral presentation)

<b>RESEARCH EXPERIENCE</b>	<b><i>Neural CRF Model for Sentence Alignment</i></b> Ph.D. Research Project at The Ohio State University 08/2018 - 05/2020 <ul style="list-style-type: none"> <li>• Develop a neural CRF sentence alignment model and a paragraph alignment algorithm to accurately align sentences between complex-simple parallel articles pairs.</li> <li>• Create two manually annotated sentence-aligned datasets that enable the first systematic study for training and evaluating monolingual sentence alignment.</li> <li>• Construct two text simplification datasets which are of higher quality and largest to date in their respective domains.</li> </ul>
	<b><i>PU Learning for Word Embedding</i></b> Research Project at the University of Virginia 01/2017 - 12/2017 <ul style="list-style-type: none"> <li>• Leverage Positive and Unlabeled (PU) Learning approach to improve word embedding models in the low-resource languages.</li> </ul>

<b>AWARDS</b>	• AAI-2020 Student Scholarship	2020
	• Outstanding Graduate Thesis in Tianjin University (top 5% in university)	2015
	• Honorable Mention Prize of Mathematical Contest in Modeling (MCM)	2014
	• Second Prize of China Undergraduate Mathematical Contest in Modeling(CUMCM) (top 2% in China)	2013
	• Merit Student Scholarship in School of Electronic Information Engineering (top 15% in school)	2013

<b>ACADEMIC ACTIVITIES</b>	• <b>Guest Lecturer</b> at CSE 5525 Speech and Language Processing	02/2020
	• <b>Poster presentation</b> at OSU CSE Student Research Poster Exhibition	02/2020
	• <b>Poster presentation</b> at Mid-Atlantic Student Colloquium on Speech, Language and Learning	05/2017
	• <b>Teaching Assistant</b>	
	– CSE 2331 Data Structures and Algorithms 08/2018 - 12/2018, The Ohio State University	
	– CS 4501-003 Machine Learning	01/2018 - 05/2018, University of Virginia
	• <b>Reviewer</b> for ACL 2020, 2019; AAI 2020; COLING 2020	

<b>REFERENCES</b>	Professor Wei Xu	
	• Assistant Professor, Department of Computer Science and Engineering at The Ohio State University	
	• <b>Email:</b> weixu@cse.ohio-state.edu	
	• <b>Homepage:</b> <a href="https://cocoxu.github.io/">https://cocoxu.github.io/</a>	
	Professor Kai-Wei Chang	
	• Assistant Professor, Department of Computer Science at University of California, Los Angeles	
	• <b>Email:</b> kw@kwchang.net	
	• <b>Homepage:</b> <a href="http://kwchang.net/">http://kwchang.net/</a>	
	Professor Cho-Jui Hsieh	
	• Assistant Professor, Department of Computer Science at University of California, Los Angeles	
	• <b>Email:</b> chohsieh@cs.ucla.edu	
	• <b>Homepage:</b> <a href="http://web.cs.ucla.edu/~chohsieh/">http://web.cs.ucla.edu/~chohsieh/</a>	