

# Guoqing Luo

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Research interests	My research interest includes information extraction, machine learning, computational social science and dialogue system. My research aims to build up knowledge-grounded dialogue system for both academic and industrial use.		
Education	<b>University of Alberta</b>	Edmonton, Canada	
	M.S. in Computing Science Advisor: Prof. <a href="#">Lili Mou</a>	Sept. 2021–Present	
	<b>Wuhan University</b>	Wuhan, China	
	B.E. in Computer Science and Technology Thesis: <i>Dialogue System Relation Extraction Based on Domain Knowledge Graph</i>	Sept. 2017–June 2021	
Publications	<b>An Empirical Study on the Overlapping Problem of Open-Domain Dialogue Datasets [1]</b> Yuqiao Wen, <b>Guoqing Luo</b> and Lili Mou <i>In Proceedings of LREC 2022</i>		
Preprints	<b>RDSGAN: Rank-based distant supervision relation extraction with generative adversarial framework [1]</b> <b>Guoqing Luo</b> , Jiaxin Pan and Min Peng		
Research experience	<b>StatNLP Lab, Singapore University of Technology and Design</b>	Singapore	
	Research Intern, Advisor: Associate Professor <a href="#">Wei Lu</a> <ul style="list-style-type: none"><li>• Propose a novel model for inducing speaker-oriented latent structures <b>SOLS</b> to alleviate the <b>entangled logic</b> and <b>information sparsity</b> issue in Dialogue-Based Relation Extraction tasks.</li><li>• Conduct quantitative and qualitative experiments on several public datasets to demonstrate the importance of capturing the speaker-related information in such DiaRE tasks.</li></ul>	May 2020–Feb. 2021	
	<b>WHU NLP Lab, Wuhan University</b>	Wuhan, China	
	Research Intern, Advisor: Professor <a href="#">Min Peng</a> <ul style="list-style-type: none"><li>• Proposed a novel generative neural framework, <b>RDSGAN</b> ,which learned the distribution of true positive instances and automatically generated valid instances to provide a clean dataset for distant supervision relation extraction.</li></ul>	Feb. 2019–May 2020	
Industry experience	<b>Bytedance Inc.</b>	Beijing, China	
	ByteDance AI Lab, Research Intern <ul style="list-style-type: none"><li>• Automatic audio quality score evaluation.</li><li>• Singing feature extraction.</li></ul>	Feb. 2021–Jun. 2021	
	<b>Shenzhen Sunline Tech Co., Ltd.</b>	Shenzhen, China	
	Sunline Data, Software Engineer Intern <ul style="list-style-type: none"><li>• Data Mining on the knowledge graph and utilize web crawler on several company websites.</li></ul>	July 2019–Aug. 2019	

Teaching experience	<b>Department of Computing Science, University of Alberta</b> <ul style="list-style-type: none"> <li>• CMPUT 174: Introduction to the Foundations of Computation I,</li> <li>• CMPUT 466: Machine Learning,</li> </ul>	<i>Edmonton, Canada</i> Fall 2021 Winter 2022
Volunteer Experience	<ul style="list-style-type: none"> <li>• EMNLP 2021 Student Volunteer</li> <li>• Sri Lanka Nil Manil Foundation International Volunteer</li> </ul>	2021 2019
Skills	<ul style="list-style-type: none"> <li>• <b>Programming Languages:</b> Python, C/C++, MATLAB, Lingo</li> <li>• <b>Language:</b> Mandarin (native), English (professional proficiency)</li> </ul>	
Awards	<ul style="list-style-type: none"> <li>• Graduate Teaching Assistantships, University of Alberta</li> <li>• Departmental Recruitment Scholarship, University of Alberta</li> <li>• Academic Excellent Scholarship (second-class), Wuhan University</li> <li>• Honorable Mention, ICM of Consortium for Mathematics and Its Applications</li> <li>• National Second Prize, China Undergraduate Mathematical Contest in Modeling</li> </ul>	2021,2022 2021 2018, 2019, 2020 2020 2019