

Guoqing Luo

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Email: gluo@ualberta.ca		HomePage: https://www.frankgqluo.xyz/	Citizenship: China
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	University of Alberta	Edmonton, Canada	
	M.S. in Computing Science Advisor: Prof. Lili Mou	Sept. 2021–Present	
	Wuhan University	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	An Empirical Study on the Overlapping Problem of Open-Domain Dialogue Datasets [1] Yuqiao Wen, Guoqing Luo and Lili Mou <i>submitted to LREC 2022</i>		
Preprints	RDSGAN: Rank-based distant supervision relation extraction with generative adversarial framework [1] Guoqing Luo , Jiaxin Pan and Min Peng		
Research experience	StatNLP Lab, Singapore University of Technology and Design	Singapore	
	Research Intern, Advisor: Associate Professor Wei Lu <ul style="list-style-type: none">• Propose a novel model for inducing speaker-oriented latent structures SOLS to alleviate the entangled logic and information sparsity issue in Dialogue-Based Relation Extraction tasks.• Conduct quantitative and qualitative experiments on several public datasets to demonstrate the importance of capturing the speaker-related information in such DiaRE tasks.	May 2020–Feb. 2021	
	WHU NLP Lab, Wuhan University	Wuhan, China	
	Research Intern, Advisor: Professor Min Peng <ul style="list-style-type: none">• Proposed a novel generative neural framework, RDSGAN, which learned the distribution of true positive instances and automatically generated valid instances to provide a clean dataset for distant supervision relation extraction.	Feb. 2019–May 2020	
Industry experience	Bytedance Inc.	Beijing, China	
	ByteDance AI Lab, Research Intern <ul style="list-style-type: none">• Automatic audio quality score evaluation.• Singing feature extraction.	Feb. 2021–Jun. 2021	
	Shenzhen Sunline Tech Co., Ltd.	Shenzhen, China	
	Sunline Data, Software Engineer Intern <ul style="list-style-type: none">• Data Mining on the knowledge graph and utilize web crawler on several company websites.	July 2019–Aug. 2019	

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