

CONTACT INFORMATION	School of Computing Science. University of Alberta	Homepage: https://www.frankgqluo.xyz/ ✉ E-mail: gqluo@ualberta.ca
RESEARCH BACKGROUND	<ul style="list-style-type: none"> • 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 industrial use. 	
EDUCATION	University of Alberta , Edmonton, AB <i>Sept. 2021–Present</i> <ul style="list-style-type: none"> • M.S. in Computing Science • Advisor: Prof. Lili Mou Wuhan University , Wuhan, China <i>Sept. 2017– June 2021</i> <ul style="list-style-type: none"> • B.E. in Computer Science and Technology • Thesis: <i>Dialogue System Relation Extraction Based on Domain Knowledge Graph</i> 	
PUBLICATIONS	<ol style="list-style-type: none"> 1. Speaker-Oriented Latent Structures for Dialogue-Based Relation Extraction, Guoshun Nan, Guoqing Luo, Sicong Leng, Yao Xiao and Wei Lu, in Proceedings of EMNLP 2021. 	
RESEARCH EXPERIENCE	StatNLP , Singapore University of Technology and Design, Singapore <i>May 2020–Feb. 2021</i> Research Intern, Advisor: Associate Professor Wei LU <ul style="list-style-type: none"> • Propose a novel model for inducing speaker-oriented latent structures to alleviate the entangled logic issue and information sparsity in Dialogue-Based Relation Extraction (DiaRE) tasks. • Conduct quantitative and qualitative experiments on several public datasets to demonstrate the importance of capturing the speaker-related information in such DiaRE tasks. WHU NLP Lab , Wuhan University, China <i>Feb. 2019–May 2020</i> Research Intern, Advisor: Professor Min Peng <ul style="list-style-type: none"> • Proposed a novel generative neural framework, RDSPAN, which learned the distribution of true positive instances and automatically generated valid instances to provide a clean dataset for distant supervision relation extraction. 	
WORK EXPERIENCE	Bytedance Inc. , Beijing, China <i>Feb. 2021–Jun. 2021</i> Bytedance AI Lab Research Intern <ul style="list-style-type: none"> • Automatic audio quality score evaluation. • Singing feature extraction. Shenzhen Sunline Tech Co., Ltd. , Shenzhen, China <i>July 2019–Aug. 2019</i> 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. 	
HONORS AND AWARDS	<ul style="list-style-type: none"> • Academic Excellent Scholarship (second-class), Wuhan University 2018, 2019, 2020 • Honorable Mention, ICM of Consortium for Mathematics and Its Applications 2020 • National Second Prize, China Undergraduate Mathematical Contest in Modeling 2019 	
TECHNICAL SKILLS	<ul style="list-style-type: none"> • <i>Programming Languages</i>: Python, C/C++, MATLAB, Lingo • <i>Language</i>: Mandarin (native), English (professional proficiency) 	