

# MAN LUO

+1 (480) 869-7882 ◊ mluo26@asu.edu ◊ [website](#)

## EDUCATION

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**Ph.D. student, Computer Science (GPA:3.85/4.0)**

Arizona State University (ASU), Tempe, Arizona, USA

Advisor: Dr. Chitta Baral

*August 2018 - (Expected) May 2023*

**Bachelor of Science, Computer Science (GPA:85/100)**

Beijing Forestry University, Beijing, China

*September 2014 - July 2018*

## RESEARCH INTEREST

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**Natural Language Processing**, with a special focus on open domain retrieval under multi-modal setting, and open-book question answering, with an interest in dialogue system.

## WORK EXPERIENCE

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Research Intern at Salesforce.Inc

*May 2021 - Aug 2021*

Research Assistant at ASU

*Aug 2018 - Present*

## TEACHING/MENTORING

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**Teaching Assistant**

CSE259 Logic in Computer Science

*Dec 2020 - Dec 2021*

CSE579 Knowledge Representation and Reasoning

*Aug 2019 - Dec 2019*

**Master Thesis**

Yankai Zeng (now a Ph.D student in The University of Texas at Dallas).

*Aug 2020 - June 2021*

**Course Project Mentor**

CSE576 Natural Language Processing

Domain Oriented Question Generation, 26 students,

*Aug 2021 - Dec 2021*

Differential Diagnosis Dialogue Generation, 20 students,

*Aug 2021 - Dec 2021*

Semantic Information Availability (SIA) Task, 5 students,

*Jun 2020 - May 2020*

Question Answering with Varied Types of Reasoning, 5 students.

*Jun 2020 - May 2020*

## INVITED TALK

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“Semantic Searching in Biomedical Domain” at exploreCSR workshop (ASU).

*Mar 2021*

## AWARD

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Finalist of 2021 Knowledge Mobilization Awards. [Website](#)

*April 2021*

2019 ICLP conference Doctoral Consortium Travel Award. [Website](#)

*September 2019*

Honorable Mention in Interdisciplinary Contest in Modeling(ICM)

*April 2017*

## PUBLICATION

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- Gokhale, T. , Mishra, S, **Luo, M.**, Sachdeva, B., Baral, C. Generalized but not Robust? Comparing the Effects of Data Modification Methods on Out-of-Domain Generalization and Adversarial Robustness. ACL 2022 Findings.
- **Luo, M.**, Mitra, A., Gokhale, T., Baral, C. [Improving Biomedical Information Retrieval with Neural Retrievers](#). AAAI 2022.
- **Luo, M.**, Zeng, Y., Banerjee, P., Baral, C. [Weakly-Supervised Visual-Retriever-Reader for Knowledge-based Question Answering](#). EMNLP 2021.

- **Luo, M.** Sampat, S. Tallam, R. Zeng, Y. Vancha, M. Sajja, A. Baral, C. [Just because you are right, doesnt mean I am wrong: Overcoming a bottleneck in development and evaluation of Open-Ended VQA tasks.](#) EACL 2021.
- Lee, J. and **Luo, M.**, 2019. [Strong equivalence for LPMLN programs.](#) ICLP 2019.

## PRE-PRINT

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- **Luo, M.**, Chen, S., Baral, C. (2021). [A Simple Approach to Jointly Rank Passages and Select Relevant Sentences in the OBQA Context.](#) arXiv preprint arXiv:2109.10497
- Banerjee, P., Baral, C., **Luo, M.**, Mitra, A., Pal, K., Son, T. C., Varshney, N. (2020). [Can Transformers Reason About Effects of Actions?](#) arXiv preprint arXiv:2012.09938.