Wenting Zhao

wzhao@cs.cornell.edu◇ (309) 532-1318

120 Gates Hall, 107 Hoy Rd, Ithaca, NY 14853

Education

Cornell University   *Aug 2018 - Present*
Ph.D in Computer Science
Advisors: Alexander Rush & Claire Cardie

Worcester Colledge, University of Oxford   *Sep 2016 - Jun 2017*
Visiting student in Computer Science and Philosophy
Advisor: Peter Jeavons

Illinois Wesleyan University   *Aug 2014 - Dec 2017*
B.S. in Computer Science, minor in Mathematics
Graduated with *Summa Cum Laude*, member in Phi Beta Kappa

Industry Experience

Applied Science Intern, Amazon Alexa AI   Aug 2021 - Jan 2022

Research Intern, IBM Research   May 2021 - Aug 2021

Research Intern, Horizon Robotics   Apr 2018 - Jul 2018

Publications

7 **Wenting Zhao**, Alexander M Rush, Claire Cardie. Commonsense Reasoning for Question Answering with Explanations. *ACL 2022 Workshop on Commonsense Representation and Reasoning*

6 **Wenting Zhao**, Weiqi Sun, Konstantine Arkoudas, Claire Cardie. Compositional Task-Oriented Parsing as Abstractive Question Answering. *NAACL 2022*

5 Di Chen, Yiwei Bai, Sebastian Ament, **Wenting Zhao**, Dan Guevarra, Lan Zhou, Bart Selman, R. Bruce van Dover, John M. Gregoire, Carla P. Gomes. Automating crystal-structure phase mapping by combining deep learning with constraint reasoning. *Nature Machine Intelligence 2021, Cover story.*

4 **Wenting Zhao**, Shufeng Kong, Junwen Bai, Daniel Fink, and Carla Gome. HOT-VAE: Learning High-Order Label Correlation for Multi-Label Classification via Attention-Based Variational Autoencoders. *AAAI 2021 in the Computational Sustainability track*

3 Di Chen, Yiwei Bai, **Wenting Zhao**, Sebastian Ament, John Gregoire, and Carla Gomes. Deep Reasoning Networks for Unsupervised Pattern De-mixing with Constraint Reasoning. *ICML 2020*

2 **Wenting Zhao**, Mark H. Liffiton, Peter G. Jeavons, Dan Roberts. Finding graph decompositions via SAT. *ICTAI 2017*

1 **Wenting Zhao**, Mark H. Liffiton. Parallelizing Partial MUS Enumeration. *ICTAI 2016*

Teaching Experience

TA, Foundations of Artificial Intelligence (Cornell)	Jan 2020 - May 2021
TA, Computer Science I (Illinois Wesleyan)	Aug 2017 - Dec 2017
TA, Computer Science I (Illinois Wesleyan)	Aug 2015 - May 2016

Professional Service

Reviewer of ICML and NeurIPS	2022
Reviewer of ICML, NeurIPS, and ICML	2021

Departmental Service

Student Reviewer for CS PhD Admission	2018, 2019, 2020, 2021
Student Member on Teaching Committee (for department-wide course planning)	2020
Co-organizer for CS PhD Visit Day	2019

Awards and Honors

Travel Grant to Grace Hopper Celebration ($1500)	2018
Eckley Research Fellowship ($4000)	2015
Alumni Scholarship ($64000)	2014