

# Wenzheng Zhang

Updated July 2, 2023

**Email:** wz283@cs.rutgers.edu

**Homepage:** <https://wenzhengzhang.github.io/>

Research interests	Natural Language Processing, Machine Learning (code at <a href="#">GitHub</a> )	
Education	<b>Rutgers University</b>	New Brunswick, NJ, US
	PhD in Computer Science	Sept 2021 – Present
	MS in Computer Science	Jan 2020 – June 2021
	Advisor: <a href="#">Prof. Karl Stratos</a>	
	<b>University of Science and Technology of China</b>	Hefei, China
	BS in Applied Physics	Sept 2015 – June 2019
Honors and Awards	Outstanding Publications Award (Rutgers University)	2021
	ICLR Spotlight Paper	2022
Publications	<b>Wenzheng Zhang</b> , Chenyan Xiong, Karl Stratos, Arnold Overwijk. <a href="#">Improving Multitask Retrieval by Promoting Task Specialization</a> <i>TACL 2023</i>	
	<b>Wenzheng Zhang</b> , Wenyue Hua, Karl Stratos. <a href="#">EntQA: Entity Linking as Question Answering</a> . <i>ICLR 2022 Spotlight</i>	
	<b>Wenzheng Zhang</b> , Karl Stratos. <a href="#">Understanding Hard Negatives in Noise Contrastive Estimation</a> <i>In Proceedings of NAACL 2021</i>	
Internships	<b>Microsoft Research</b> worked with <a href="#">Dr. Chenyan Xiong</a> and <a href="#">Arnold Overwijk</a>	Jun 2022 – Sep 2022
Research experience	Project: Improving Multitask Retrieval by Promoting Task Specialization Mentor: Dr. Chenyan Xiong (Microsoft Research)	Jun 2022 – Sep 2022
	Project: Discrete Retrieval Advisor: Prof. Karl Stratos	Feb 2022 – Apr 2022
	Project: Coreference Resolution with EntQA Advisor: Prof. Karl Stratos	Oct 2021 – Jan 2022
	Project: EntQA: Entity Linking as Question Answering Advisor: Prof. Karl Stratos	Jun 2021 – Oct 2021

Project: Understanding Hard Negatives in Noise Contrastive Estimation  
Advisor: Prof. Karl Stratos Jun 2020 – Nov 2020

Project: Embedded Face Detection System Based on FPGA  
Advisor: Prof. Xi Jin (USTC) Mar 2019 – Jun 2019

Project: Building Stewart-Platform based neck for Jiajia Robot  
Advisor: Prof. Xiaoping Chen (USTC) Mar 2018 – Nov 2018

Project: Three-dimensional photonic crystals  
Advisor: Prof. Zhongping Wang (Lab of Physics, USTC) Sep 2017 – Feb 2018

Teaching experience TA, [Natural Language Processing\(CS533\)](#), Rutgers University Spring 2023  
TA, Natural Language Processing(CS533), Rutgers University Spring 2022  
TA, [Machine Learning \(CS461\)](#), Rutgers University Fall 2021

## Skills

### Programming Languages

Python, Java, R, C, SQL, Verilog

### Toolkits

Pytorch, Git, Latex

### Relevant Course Work

Natural Language Processing, Machine Learning, Computer Vision, Probability and Statistics, Artificial Intelligence, Algorithms