

Wenzheng Zhang

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

Research interests	Natural Language Processing, Machine Learning (code at GitHub)	
Education	Rutgers University	New Brunswick, NJ, US
	PhD in Computer Science	Sept 2021 – Present
	MS in Computer Science	Jan 2020 – June 2021
	Advisor: Prof. Karl Stratos	
	University of Science and Technology of China	Hefei, China
	BS in Applied Physics	Sept 2015 – June 2019
Honors and Awards	Outstanding Publications Award (Rutgers University)	2021
	ICLR Spotlight Paper	2022
Publications	Wenzheng Zhang , Karl Stratos. Understanding Hard Negatives in Noise Contrastive Estimation <i>In Proceedings of NAACL 2021</i>	
	Wenzheng Zhang , Wenyue Hua, Karl Stratos. EntQA: Entity Linking as Question Answering . <i>ICLR 2022 Spotlight</i>	
Internships	Microsoft Research	Jun 2022 – Sep 2022
	worked with Dr. Chenyan Xiong and Arnold Overwijk	
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