

# Hongyu Zhao

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## RESEARCH INTERESTS

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Natural Language Processing, Machine Learning

## EDUCATION

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2021 - present **M.S. in Computational and Applied Mathematics**

University of Chicago

GPA: 4.0/4.0

Selected Courses: Advanced Natural Language Processing, The Interplay of Learning and Game Theory, Inverse Problems and Data Assimilation, Convex Optimization, Machine Learning, Sample Surveys

2017 - 2021 **B.S. in Mathematics and Applied Mathematics**

School of Gifted Young, University of Science & Technology of China

GPA 3.34/4.3

Selected Courses: Computer Graphics, Data Structures and Database, Image Processing, Algorithms, Mathematical Statistics, Graph Theory

## PUBLICATIONS

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**H. Zhao**, H. Tan, and H. Mei, "Tiny-Attention Adapter: Contexts Are More Important Than the Number of Parameters,"

Proceedings of EMNLP 2022.

## RESEARCH EXPERIENCE

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**Toyota Technological Institute at Chicago** Oct 2021 - present

Research Assistant, Supervisor: Prof. Hongyuan Mei

**Lab for Intelligent Networking and Knowledge Engineering** Oct 2019 - Sep 2020

Research Assistant, Supervisor: Prof. Yanyong Zhang

**University of Science and Technology of China** Feb 2021 - Jun 2021

Bachelor Thesis, Supervisor: Prof. Xiande Zhang

## HONORS & AWARDS

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Outstanding Freshman Scholarship (15% in all departments) 2017

2nd Class Prize, National Olympiad in Mathematics in Jiangsu Province 2016

2nd Class Prize, National Olympiad in Physics in Jiangsu Province 2016

2nd Class Prize, National Olympiad in Informatics in Jiangsu Province 2016

Full Scholarship for High School (\$20000) 2015

## SKILLS

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Coding Familiar with Python, have experiences with C++/C#/MATLAB/QT etc.

Language Fluent English, native Chinese, mid-level Japanese and German.