

# Hongtao Hao

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CONTACT INFORMATION	1210 W. Dayton St., 3239 Madison, WI 53706	hongtaoh@cs.wisc.edu <a href="http://www.hongtaoh.com">www.hongtaoh.com</a>
EDUCATION	<b>University of Wisconsin-Madison</b> , Madison, WI Ph.D. in Computer Sciences	August 2021 -
	<b>Indiana University</b> , Bloomington, IN M.A. in Media Arts and Sciences, GPA: 4.00/4.00	May 2020
	<ul style="list-style-type: none"><li>• Committee: Nicole Martins, Danielle Kilgo, Bryant Paul</li><li>• Coursework: <i>Introduction to Bayesian Data Analysis I</i>, <i>Data Visualization</i>, <i>Quantitative Methods for Public Health Research</i>, <i>Introduction to Statistics in Media Research</i>, <i>Content Analysis</i>, <i>Media Theories</i>, <i>Children and Media</i>, <i>Applying Social Science Research Methods to Media</i></li></ul>	
	<b>Renmin University of China</b> , Beijing, China M.A. in Journalism, GPA: 3.92/4.00	June 2018
	<b>Hebei Normal University</b> , Shijiazhuang, China B.A. in English (Translation), GPA: 3.92/4.00	June 2016
HONORS AND AWARDS	Second Top Student Paper Award, International Communication Association	2019
	Annette & Lars Willnat Travel Fellowship, Indiana University	2019
	College of Arts and Sciences Travel Grant, Indiana University	2019
	Wings of Excellence Award, 47 <sup>th</sup> St.Gallen Symposium, Switzerland	2017
	First Prize Academic Scholarship, Renmin University of China	2017
	🏆 National Champion (1 <sup>st</sup> /200,000), First "FLTRP Cup" English Reading Contest, Beijing	2015
	National Endeavor Fellowship, Hebei Normal University	2015, 2014
RESEARCH EXPERIENCE	<b>YY Lab, Indiana University</b> , Bloomington, IN, USA <i>Data visualization research assistant</i>	August 2020 - present
	Assisted Professor <b>Yong-Yeol ("YY") Ahn</b> with the <b>Covid-19 Trend Visualizations project</b> :	
	<ul style="list-style-type: none"><li>• Updated the <b>data workflow</b></li><li>• Implemented the delay parameter, play speed parameter, go back parameter, and date range slider</li><li>• Improved the <b>website design</b></li></ul>	
PROJECTS	<b>Notes on Network Science</b> <a href="#">[Web]</a> , <a href="#">[Code]</a> , <a href="#">[PDF]</a> My notes while auditing Professor YY Ahn's online course of <i>INFO I606 Network Science</i>	
	<b>A Practical Guide to Coding</b> <a href="#">[Web]</a> , <a href="#">[Code]</a> A tutorial in Chinese for beginners to learn programming	
	<b>How to Create Online Books</b> <a href="#">[Web]</a> , <a href="#">[Code]</a> A tutorial on creating online documentation/books	
	<b>Visualizing 120 Years of Summer Olympic Games</b> <a href="#">[Web]</a> , <a href="#">[Code]</a> , <a href="#">[PDF]</a> A data visualization project for Professor YY Ahn's <i>INFO I590 Data Visualization</i> in 2019 Fall	

**C101 with Hongtao** [Web], [Code]  
Class website for my students enrolled in *MSCH-C101 Introduction to Media* in 2020 Spring.

- Highlights: [Students feedback](#), [Slides](#), [Lecture videos](#)

**D3Book Companion** [Web], [Code], [PDF]  
A simple tutorial website helping beginners learn D3.js

**International Journalism at RUC** [Web], [Code]  
Class website for *International Journalism* taught at Renmin Univ. of China by Michael J. Jordan

WORKING  
EXPERIENCE

**St.Gallen Symposium Magazine**, St.Gallen, Switzerland  
*Student journalist* May 2019  
Worked with 13 team members from seven countries and four continents, supervised by [Andrew Curry](#), with the group output of a [56-page magazine](#). Representative work:

- *"It's not just about spending more money"*, Interviewing Heng Swee Keat, Deputy Prime Minister of Singapore;
- *Freeman Shen's electric dream*, Interviewing Freeman Shen, CEO of WM Motor — a leading Chinese electric car maker;
- *What role should governments play?*, Interviewing young politicians from India, Argentina, and Sri Lanka

TEACHING  
EXPERIENCE

**The Media School**, Indiana University, Bloomington, IN, USA  
*Associate Instructor* January - May 2020  
Led group discussions for 40 students enrolled in *MSCH-C101 Introduction to Media*

*Graduate Assistant* August 2018 - December 2019  
*MSCH-C207 Introduction to Media Industry and Management*, 125 students  
*MSCH-C200 Videogame Industry: System and Management*, 60 students

**New Oriental Education and Technology Inc.**, Beijing, China  
*TOEFL Writing Instructor* June - July 2018, June - July 2016  
Prepared high school students and college undergrads for the Writing section of TOEFL, with more than 200 hours of practice

COMPUTER SKILLS

- Statistical & network analysis: R, Python
- Data visualization & Front-end development: Python, D3.js, CSS, HTML, Hugo
- Applications:  $\LaTeX$ , Final Cut Pro