Hong CHEN

Contact Information

School of Information
University of Michigan
Ann Arbor, MI 48109

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Research Interests

Science of Science and Innovation, Computational Social Science, Natural Language Processing, Network Analysis

Education

University of Michigan Ann Arbor, MI, USA 2022-Present
Ph.D., Information
Advisors: Prof. Misha Teplitskiy and Prof. David Jurgens

Carnegie Mellon University Pittsburgh, PA, USA 2019-2021
M.S., Electrical and Computer Engineering

Zhejiang University Hangzhou, Zhejiang, China 2015-2019
B.S., Mechatronic Engineering
Morningside Cultural China Scholar

Under Review & Revising

Geographical disparities in navigating rejection in science drive disparities in its file drawer
Hong Chen, Christopher Rider, David Jurgens, Misha Teplitskiy
Media Coverage: Nature

How Faithful Are We in Representing Academic Claims
Hong Chen, Misha Teplitskiy, David Jurgens

Science resilience hinges on persistent collaboration
Hong Chen*, Yi Bu*, Lu Zhong, Caifan (Fan) Du, Eric Meyer, Ying Ding, Jianxi Gao (*Equal Contributions)

Publications

Exploring Linguistic Style Matching in Online Communities: The Role of Social Context and Conversation Dynamics
Aparna Ananthasubramaniam*, **Hong Chen***, Jason Yan*, Kenan Alkiek*, Jiaxin Pei*, Agrima Seth*, Lavinia Dunagan*, Minje Choi*, Benjamin Litterer*, and David Jurgens (*Equal Contributions)
The 1st Workshop on Social Influence in Conversations, ACL 2023. (Best Paper)

Further divided gender gaps in research productivity and collaboration during the COVID-19 pandemic: Evidence from coronavirus-related literature
Liu, Meijun, Ning Zhang, Xiao Hu, Ajay Jaiswal, Jian Xu, **Hong Chen**, Ying Ding, and Yi Bu
Journal of Informetrics. 2022.

High-accuracy ultrasonic rangefinders via pMUTs arrays using multi-frequency continuous waves
Xuying Chen, Jinghui Xu, **Hong Chen**, Hong Ding, and Jin Xie
Journal of Microelectromechanical Systems. 2019.

High-accuracy ultrasonic rangefinders via pMUTs arrays using multi-frequency continuous waves.
Xuying Chen, Chengwei Liu, Jinghui Xu, **Hong Chen**, Yong Wang, Liang Hu, and Jin Xie
Journal of Microelectromechanical Systems, 2019

Teaching

Fall 2024 SI 670: Applied Machine Learning
Teaching Assistant with Grant Schoenebeck

Research Experiences

Discovery Lab & Blablablab Lab , University of Michigan 2022-Present
Graduate Research Assistant with Misha Teplitskiy and David Jurgens

Department of Information Management, Peking University 2021-2022
Research Assistant with Yi Bu and Ying Ding

Human-Computer Interaction Institute, Carnegie Mellon University 2020-2021
Graduate Research Assistant with Hirokazu Shirado

Honors and Awards

ICSSI Travel Award 2024
UMSI Travel Award 2024
Metascience 2023 Conference Travel Award, Center for Open Science 2023
UMSI Travel Award 2023
ICSSI Travel Award 2023

Zhejiang University

First-Class Scholarship for Outstanding Merits 2019
First-Class Academic Scholarship of Cao Qizhen 2018-2019
Morningside Cultural China Scholarship 2018
First-class Undergraduate Academic Scholarship 2017-2018

Selected Courses

PhD (current)

Introduction to Science and Technology Policy Analysis (PUBPOL 650)
Experimental Methods (SI 860)
Entrepreneurship Research Seminar (BA 822)
Research Seminar in Science of Science (SI 710)
Theory of Social and Technological Networks (CMPLXSYS 535)
Statistical Methods in Political Research (POLSCI 699)
Research Methods (SI 840)
Doctoral Foundations Seminar (SI 701)

Master

Introduction to Machine Learning
Network in Real World
Machine Learning of Large Dataset
Natural Language Processing
Estimation Detection & Prediction
Image & Video Processing
Computer Vision
Social Data Science

Skills and Languages

Programming skills: Python, R, Matlab, C, LaTeX
Languages: English(fluent), Chinese(native)