

Yuhao Du

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EDUCATION

State University of New York at Buffalo
Ph.D. in Computer Science and Engineering
Advisor: Dr. Kenneth Joseph

Buffalo, NY
2022 (expected)

Xi'an Jiaotong University
B.S. in Information and Computing Science

Xian, Shannxi, China
June 2016

CURRENT STATUS

Citizen of China

RESEARCH INTERESTS

Computational Social Science, AI for Social Good, Algorithm Fairness, Social Media.

RESEARCH EXPERIENCE

Massachusetts Institute of Technology
Summer Institute in Computational Social Science
Visiting Graduate Student

Boston, MA
Summer 2019

State University of New York at Buffalo
Research Assistant
Supervisor: Dr. Kenneth Joseph

Buffalo, NY
August 2016- Now

TEACHING EXPERIENCE

- **Teaching Assistant.** CSE 510: Introduction to Reinforcement Learning, Fall 2019, State University of New York at Buffalo
- **Teaching Assistant.** CSE396: Introduction to Computational Theory, Spring 2018, State University of New York at Buffalo.
- **Teaching Assistant.** CSE574/474 Introduction to Computer Vision and Image Processing, Fall 2018, Fall 2017, State University of New York at Buffalo.
- **Teaching Assistant.** CSE555: Introduction to Pattern Recognition, Spring 2016, Spring 2017, State University of New York at Buffalo.

PUBLICATIONS

Conference Papers

1. *Understanding visual memes: an empirical analysis of text superimposed on memes shared on Twitter.*
Yuhao Du, Muhammad Aamir and Kenneth Joseph.
The Fourteenth International Conference On Web And Social Media *ICWSM 2020*.
2. *MDR Cluster-Debias: A Nonlinear Word Embedding Debiasing Pipeline.*
Yuhao Du and Kenneth Joseph.
2020 International Conference on Social Computing, Behavioral-Cultural Modeling, Prediction and Behavior Representation in Modeling and Simulation *SBP-BRiMS 2020*

Technical Skills

- **Programming Languages:** proficient in R, PYTHON; familiar with MATLAB, JAVA; previously used HTML, CSS, JAVASCRIPT, NODEJS
- **Packages:** PYTORCH, KERAS, OPENCV, SPACY, NLTK, SCIKIT-LEARN
- **Systems:** MAC OS, LINUX

HONORS and AWARDS

- Dean's Fellowship in 2016, SUNY at Buffalo.
- Siyuan Scholarship in 2015, Xi'an Jiaotong University.

PROFESSIONAL SERVICE

- Reviewer (Conferences)
 - *Conference on Empirical Methods in Natural Language Processing (EMNLP 2019)*
 - *The International AAAI Conference on Web and Social Media (ICWSM 2020)*
 - *AAAI Conference on Artificial Intelligence (AAAI 2020)*
- Program Committee (Conferences)
 - *The 12th International ACM Conference on Web Science 2020 (WebSci 2020)*

REFERENCES

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