

## RESEARCH INTERESTS

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Human-computer interaction, human-centered AI, computational social science.

## EDUCATION

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### Purdue University

Ph.D. in Computer Science, GPA: 3.90/4.00

West Lafayette, IN, USA

Aug 2019 – Current

### Peking University

Bachelor of Science in Psychology, GPA: 3.51/4.00

Beijing, China

Sep 2016 – Jun 2019

### Peking University

Bachelor of Science in Intelligence Science and Technology, GPA: 3.65/4.00

Beijing, China

Sep 2015 – Jun 2019

– Thesis: “Analysis of MOOC Forum Data towards AI Support”

## RESEARCH EXPERIENCE

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### Purdue University | Department of Computer Science

Research Assistant

West Lafayette, IN, USA

Jun 2020 – Current

- Title: The Effects of Explanations in AI-Assisted Decision-Making, Human Behavior Models in AI-Assisted Decision-Making, etc.
- Advisor: Ming Yin, Assistant Professor

### University of Michigan | School of Information

Summer Research Intern

Ann Arbor, MI, USA

Jul 2018 – Sep 2018

- Title: Modeling Bi-directional Trust in Semi-autonomous Vehicles for Improved System Performance
- Advisor: Lionel Robert, Associate Professor

## WORK EXPERIENCE

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### Kendall Square Capital | Technology Department

Machine Learning Intern

Beijing, China

Jan 2019 – Apr 2019

### DiDi | Department of Smart Transportation

Machine Learning Intern

Beijing, China

Sep 2018 – Jan 2019

## PUBLICATIONS

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1. **X. Wang** and M. Yin. “Are explanations helpful? a comparative study of the effects of explanations in AI-assisted decision-making”. In *Proceedings of the 26th International Conference on Intelligent User Interfaces (IUI)*, 2021

## PATENTS

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1. **X. Wang**, Y. Wang, and Z. Yu. “ recommendation method for recipes based on deep learning”. *CN107665254A*, Feb. 2018 (In Chinese).

## TEACHING

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- **Teaching Assistant** at Purdue University Fall 2019 and Spring 2020  
*Python Programming (CS38001)*  
*Artificial Intelligence (CS471)*  
*Introduction to Data Science (CS242)*

## SKILLS

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- **Programming Languages:** Python, SQL, MATLAB, C/C++, Java, HTML/CSS/JavaScript
- **Toolkits:** Pandas, Numpy, sklearn, Meteor

## LANGUAGES

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- **English:** GRE 162+170+3.5, TOEFL 111
- **Chinese:** Native speaker
- **French:** Fresh learner

## SCHOLARSHIPS AND AWARDS

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- Academic Excellence Award, Peking University (top 15%) 2015 – 2016
- May 4th Scholarship, Peking University 2015 – 2016
- Academic Excellence Award, Peking University (top 10%) 2017 – 2018
- Fei-Xun Scholarship, Peking University 2017 – 2018

## EXTRACURRICULAR ACTIVITIES

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- Student Volunteer at ACM SIGIR Conference 2018 Jul 2018
- Member at Womens' Volleyball Team of EECS, Peking University Sep 2016 – Aug 2017  
*Responsible for the organization of weekly training and the registration of important competitions.*