

# Honghui Zhang

1323 W Dayton St Apt 109, Madison, WI 53715, USA  
+1 (650)296-6720, zhhthu11@gmail.com

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## Education

- **University of Wisconsin-Madison**, Madison, WI, USA  
Master of Science, Computer Science Aug. 2015 - Dec. 2016
  - admitted with graduate scholarship and CS scholarship
  - teaching assistant for CS540 (Intro to AI) and CS367 (Intro to Data Structures)
- **Tsinghua University**, Beijing, China  
Bachelor of Engineering, Computer Science Aug. 2011 - Jul. 2015
  - cumulative GPA: **91/100**, Four-Scale GPA: **3.90/4.00**
  - graduated with First Honor (**top2%**)

## Work Experience

- **Research Intern**, Microsoft Research Asia, Beijing, China Dec. 2014 - Apr. 2015
  - Developed an IR-based algorithm to retrieve original articles based on screenshots with the Knowledge Mining Group. Improved accuracy of prediction from 67% to 95%.
  - Obtained The Award of Excellence of The Stars of Tomorrow Internship Program.
- **Summer Research Intern**, University of Illinois at Chicago, United States Jul. 2014 - Sep. 2014
  - Inferred diffusion network by structure transfer learning and proposed a unified optimization framework TrNetInf, which performed excellently in real-world datasets.
  - Related work has been published in an international conference DASFAA2015.
- **Research Assistant**, Tsinghua University, Beijing, China Sep. 2013 - Jul. 2015
  - Developed an NLP-based algorithm to aggregate aspects from online reviews into a hierarchy, achieving more than 20% accuracy when compared to traditional methods.
  - Obtained Excellent Undergraduate Thesis of Tsinghua University (top2%)

## Awards

- Hackillinois Sponsored Prize - Most Interesting Use of Search Feb. 2016
- 3rd Place, ACM/ICPC Programming Contest, North America Regional Oct. 2015
- Excellent Undergraduate of Tsinghua University (top2%, **First Honor**) Jul. 2015
- Excellent Academic Awards of Tsinghua University (top2%) 2012 - 2014
- Excellent Undergraduate of China Computer Federation Oct. 2013
- First Prize in National Olympiad in Informatics in Provinces Sep. 2010

## Publication

- Senzhang Wang, **Honghui Zhang**, Jiawei Zhang, Philip S. Yu, Zhoujun Li  
**Inferring Diffusion Network with Sparse Cascades by Structure Transfer**  
The 20th International Conference on Database Systems for Advanced Applications (DASFAA15)