Honghui Zhang

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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.

- **Project 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

- Champion, MadHacks + WACM Spring Fever 2016   Apr. 2016
- Sponsored Prize - Most Interesting Use of Search, Hackillinois 2016   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

Skills

- **Programming**: C/C++, Python, Java, LaTeX, Matlab, C#, etc.
- **Operating System**: MacOS, Linux, Windows