

# Honghui Zhang

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## Education

- **University of Wisconsin-Madison**, Madison, WI, USA  
Master of Science, Computer Science expected Jan. 2017
  - with CS special scholarship and graduate scholarship
- **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

- **Software Engineer**, Microsoft Research Asia, Beijing, China Dec. 2014 - Apr. 2015
  - Developed an IR-based algorithm and an Android application with Knowledge Mining Group. Improved accuracy of prediction from 67% to 95%.
  - Obtained The Award of Excellence of The Stars of Tomorrow Internship Program.
- **Summer Intern**, University of Illinois at Chicago, USA 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 a time-aware personalized recommendation based on text mining in large-scale user reviews and time series analysis.
  - Developed an NLP-based algorithm to aggregate aspects from online reviews into a hierarchy, achieving more than 20% accuracy when compared to traditional methods.
  - Related work has been published in an international conference WWW2015.

## Awards

- Excellent Undergraduate of Tsinghua University (top2%, **First Honor**) Jul. 2015
- Excellent Undergraduate Thesis of Tsinghua University (top2%) 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

- **Language:** Chinese (Native), English (Fluent)
- **Programming:** C, C++, Python, Java,  $\text{\LaTeX}$ , Matlab, C#, VHDL, Verilog, etc.
- **Operating System:** MacOS, Linux, Windows