Honghui Zhang

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Education

- **M.S. Computer Science**, University of Wisconsin-Madison, USA   08/2015 - 01/2017
  - with CS special scholarship and graduate scholarship

- **B.Eng. Computer Science**, Tsinghua University, Beijing, China   08/2011 - 07/2015
  - 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   12/2014 - 04/2015
  - Developed an IR-based algorithm and an Android application in Knowledge Mining Group. Improved accuracy of prediction from 67% to 95% than the previous version.
  - Awarded **The Award of Excellence**.

- **Summer Research Intern**, University of Illinois at Chicago, USA   07/2014 - 09/2014
  - Inferred diffusion network by structure transfer learning and proposed a unified optimization framework TrNetInf, which performed excellent in real-world datasets.
  - Published a paper in an international conference **DASFAA2015**.

- **Project/Research Assistant**, Tsinghua University, Beijing, China   09/2013 - 07/2015
  - Developed a time-aware personalized recommendation based on text mining on large-scale user reviews and time series analysis.
  - Developed a NLP-based algorithm to aggregate aspects from online reviews into a hierarchy and achieved more than 20% higher accuracy than traditional methods.
  - Published a paper in an international conference **WWW2015**.

Awards

- Excellent Undergraduate of Tsinghua University (top2%, **First Honor**)   07/2015
- Excellent Undergraduate Thesis of Tsinghua University (top2%)   07/2015
- Excellent Academic Awards of Tsinghua University (top2%)   10/2012 - 10/2014
- Excellent Undergraduate of China Computer Federation   10/2013
- First Prize in National Olympiad in Informatics in Provinces   09/2010

Skills

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