Honghui (Ryan) Zhang

210 N Charter St Apt 303, Madison, WI 53715, USA
+1 (650)296-6720, zhhthu11@gmail.com

Education

- **University of Wisconsin-Madison**, Madison, WI, USA
  Master of Science, Computer Science — Sept. 2015 - Dec. 2016
  - admitted with graduate scholarship and CS scholarship
  - teaching assistant for CS540 (Intro to AI) and CS367 (Intro to Data Structures)
  - won 3rd place in ACM/ICPC Programming Contest, North Central North America Regional
- **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%**)
  - won Excellent Undergraduate of China Computer Federation

Work Experience

- **Software Engineering Intern**, Facebook Inc, Menlo Park, CA, USA — May. 2016 - Aug. 2016
  - Developed three post-impression models to solve the inconsistency issue in the current two-step link-click model with Ads Ranking Team. Improved Ads Revenue and Ads Score significantly.
  - Developed an evaluation workflow to combine predictions from different models. Supported it in an internal tool HAL (Highly Automated Learning).
- **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.
- **Research Intern**, University of Illinois at Chicago, Chicago, IL, 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.
- **Research Assistant**, Tsinghua University, Beijing, China — Sept. 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%)

Skills

- **Programming**: C/C++, Python, JAVA, Hive, LaTeX, Matlab, C#, etc.
- **OS**: Linux, MacOS, Windows