

Aditya Krishna Menon

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- EMPLOYMENT
- ◇ **Data61/CSIRO**, Researcher, ExByte Group. Feb 2016 – Present.
 - ◇ **National ICT Australia**, Researcher, Machine Learning Group. May 2013 – Feb 2016.
 - ◇ **Australian National University**, Honorary Lecturer, Research School of Computer Science and Engineering. May 2013 – Present.
 - ◇ **LinkedIn**. Data Scientist Intern. June 2012 – Sep 2012.
 - ◇ **Microsoft Research New England**. Research Intern. June 2011 – Sep 2011.
 - ◇ **Yahoo! Labs Bangalore**. Research Intern. June 2010 – Sep 2010.
- EDUCATION
- ◇ **University of California, San Diego**, La Jolla, CA.
Ph.D. in Computer Science: March 2013.
 - ◇ **University of Sydney**, Sydney, Australia.
B.Sc. (Advanced) with Honours in Computer Science, November 2006.
- RESEARCH INTERESTS
- ◇ Collaborative filtering, link prediction, class-probability estimation, bipartite ranking, imbalanced classification.
- RESEARCH OUTCOMES
- ◇ Generic models for dyadic prediction with empirical success on large-scale real-world problems, such as computational advertising.
 - ◇ Theoretical analysis of learning from noisy labels, including a simple noise rate estimator.
 - ◇ Theoretical analysis of bipartite ranking, with its connections to class-probability estimation.
- SELECTED PUBLICATIONS
- ◇ Learning with Symmetric Label Noise: The Importance of Being Unhinged. Brendan van Rooyen, Aditya Krishna Menon and Robert C. Williamson. *In Advances in Neural Processing Systems (NIPS), Montreal, 2015.*
 - ◇ Learning from Corrupted Binary Labels via Class-Probability Estimation. Aditya Krishna Menon, Brendan van Rooyen, Cheng Soon Ong and Robert C. Williamson. *In International Conference on Machine Learning (ICML), Lille, 2015.*
 - ◇ Bayes-Optimal Scorers for Bipartite Ranking. Aditya Krishna Menon and Robert C. Williamson. *In Conference on Learning Theory (COLT), 2014.*
 - ◇ Predicting Accurate Probabilities with a Ranking Loss. Aditya Krishna Menon, Xiaoqian Jiang, Shankar Vembu, Charles Elkan, and Lucila Ohno-Machado. *In International Conference on Machine Learning (ICML) 2012.*
 - ◇ Response Prediction using Collaborative Filtering with Hierarchies and Side-Information. Aditya Krishna Menon, Krishna-Prasad Chitrapura, Sachin Garg, Deepak Agarwal, and Nagaraj Kota. *In Knowledge Discovery and Data Mining (KDD), San Diego, California, 2011.*
- REFERENCES
- ◇ **Robert C. Williamson**. Group Head, Analytics Research, Data61/CSIRO. Email: bob.williamson@data61.csiro.au.
 - ◇ **Charles Elkan**. Professor, Department of Computer Science and Engineering, University of California, San Diego. Email: elkan@cs.ucsd.edu.
 - ◇ **Sanjay Chawla**. Professor, School of Information Technologies, University of Sydney. Email: chawla@it.usyd.edu.au.