

CHANSOO LEE

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EDUCATION

University of Michigan Ann Arbor (2012-Current)

- Ph.D. Candidate, Computer Science and Engineering
Advisors: Jacob Abernethy (Computer Science and Engineering) and Ambuj Tewari (Statistics)
- M.S., Computer Science and Engineering, December 2013

Williams College (2008-2012)

- B.A., Mathematics and Computer Science, May 2012

PUBLICATIONS

Satyen Kale, **Chansoo Lee**, and Dávid Pál. Hardness of Online Sleeping Combinatorial Optimization Problems, In *NIPS*, 2016. [[arXiv](#)]

Jacob Abernethy, **Chansoo Lee**, and Ambuj Tewari. Perturbation techniques in online learning and optimization. In *Perturbations, Optimization, and Statistics*, Neural Information Processing Series, chapter 8. MIT Press, 2016. [[pdf](#)]

Jacob Abernethy, **Chansoo Lee**, and Ambuj Tewari. Fighting Bandits with a New Kind of Smoothness, In *NIPS*, 2015. [[pdf](#)]

Jacob Abernethy, **Chansoo Lee**, Abhinav Sinha, and Ambuj Tewari. Learning with Perturbations via Gaussian Smoothing, In *Conference on Learning Theory (COLT)*, 2014. [[arXiv](#)]

Kihyuk Sohn, Guanyu Zhou, **Chansoo Lee**, and Honglak Lee. Learning and Selecting Features Jointly with Point-wise Gated Boltzmann Machines, In *International Conference on Machine Learning (ICML)*, 2013. [[pdf](#)]
(*Authors ordered by contribution)

TEACHING EXPERIENCE

Graduate Student Instructor, University of Michigan

- Machine Learning (Fall 2016); Theoretical Foundations of Machine Learning (Fall 2015) [[website](#)];
Introduction to Algorithms (Fall 2013).

Teaching Assistant, Williams College (2010-2012)

- Math Modeling and Control Theory; Linear Algebra; Advanced Programming and Data Structures;
Computer Organization; Algorithm Design and Analysis

WORK EXPERIENCE

Summer Research Intern, Yahoo Labs New York (2015)

COMPUTER SKILLS

- Java, Scala (Spark), Python, MATLAB and \LaTeX .