

Research Interest

Machine learning, statistical learning theory, and applications of machine learning.

Education

University of Pennsylvania

Philadelphia, Pennsylvania, USA

Ph.D. in Computer and Information Science, Advisor: Shivani Agarwal

GPA: 4.00/4.00

2018–Current

University of Michigan

Ann Arbor, Michigan, USA

B.S. in Honors Mathematics, Honors Statistics, Computer Science and Data Science

GPA: 3.92/4.00

2013–2018

Publications

1. **Mingyuan Zhang**, Shivani Agarwal, “Bayes Consistency vs. H-Consistency: The Interplay between Surrogate Loss Functions and the Scoring Function Class”, *In Advances in Neural Information Processing Systems (NeurIPS)*, 2020, **spotlight paper**.
2. **Mingyuan Zhang**, Harish Guruprasad Ramaswamy, Shivani Agarwal, “Convex Calibrated Surrogates for the Multi-Label F-Measure”, *In Proceedings of the 37th International Conference on Machine Learning (ICML)*, 2020.

Teaching

- **Head Teaching Assistant**, Machine Learning (CIS 520) Spring 2020
University of Pennsylvania

Skills

- **Programming Languages:** Python, C/C++, Matlab, R, Java
- **Machine Learning:** scikit-learn, PyTorch, TensorFlow

Languages

- **Mandarin Chinese:** native
- **English:** fluent