Nan Bi

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Education

2018-current	Binghamton University – State University of New York at Binghamton
	Ph.D. candidate, Computer Science
2011–2016	Binghamton University – State University of New York at Binghamton
	Ph.D., Statistics
	Supervisor: Professor Anton Schick
	Dissertation Title: Empirical Likelihood for A Class of Semiparametric Regression Models
2009-2011	Binghamton University – State University of New York at Binghamton
	M.A., Statistics
2007-2009	Sun Yat-sen University (a.k.a. Zhongshan University) Guangzhou, China
	Graduate Study towards Ph.D. Degree
2003-2007	Sun Yat-sen University (a.k.a. Zhongshan University) Guangzhou, China
	B.S., Mathematics and Applied Mathematics
	4 times Winner of Outstanding Student Awards of the School

Research Interests

Empirical Likelihood, Regression, High-dimensional Data, Clustering, Machine Learning, Deep Learning

Teaching Experience

- Instructor
  Math 147: Elementary Statistics   Summer 2013
  Math 221: Calculus I   Fall 2010, Fall 2011, Fall 2012, Fall 2013, Spring and Fall 2014
  Math 222: Calculus II   Spring 2010, Spring 2012, Spring 2013, Summer 2014
  Math 304: Linear Algebra   Spring 2015
- Teaching Assistant
  Math 147: Elementary Statistics   Spring 2011
  Math 327: Probability with Statistical Methods Fall 2009

Mentorship Experience

2011 Summer and Winter	a graduate student research mentor for Binghamton University's HHMI-IDR program.

Research Experience at Binghamton University

2010 - 2011	Graduate Assistant to Dr. Xingye Qiao and Dr. Anthony C. Fiumera Worked with other two undergraduates on an interdisciplinary research project about statistical analysis of Genes affecting female remating in fruit flies
Summer 2012	Research Assistant to Prof. Anton Schick Develop some results on empirical likelihood

Professional Experience

Summer 2008	Mathematical Consultant at China Southern Airlines Guangzhou, China

Seminar Presentations

November 2014	Paper review on "Clustering Stability: An Overview"
December 2013	Structured Local Regression and Local Likelihood
April 2013	Maximum Empirical Likelihood Estimation and Related Topics
October 2012	Some Notes and Examples on Regression Using Empirical Likelihood
February 2012	Relationship Between the Cox, Lehmann, Weibull and Accelerated Lifetime Models
March 2012	Notes on the LASSO