Mitchell Stern

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Education

2015- PhD in Computer Science
University of California, Berkeley
Advisors: Dan Klein, Michael Jordan
Cumulative GPA: 4.00

2012-2015 MSE in Computer Science
University of Pennsylvania
Summa Cum Laude, GPA: 4.00

2012-2015 MSE in Systems Engineering
University of Pennsylvania
Summa Cum Laude, GPA: 4.00

2012-2015 BSE in Computer Science
University of Pennsylvania
Summa Cum Laude, GPA: 4.00

PhD Coursework

2015 Fall	CS 281A: Statistical Learning Theory (A)
2016 Spring	CS 281B: Advanced Topics in Learning and Decision Making (A)
2016 Spring	EE 227C: Convex Optimization and Approximation (A)
2015 Fall	STAT 205A: Probability Theory (A+)
2016 Spring	STAT 205B: Probability Theory (A+)
2015 Fall	STAT 210A: Theoretical Statistics (A)
2016 Spring	STAT 210B: Theoretical Statistics (A)

Employment

2013 Summer Intern, Raytheon BBN Technologies (Speech, Language, and Multimedia)

Fellowships, Awards, and Honors

2015-2018 National Science Foundation Graduate Research Fellowship

2015 John Grist Brainerd Award, University of Pennsylvania
2014 Manfred Altman Memorial Award, University of Pennsylvania
2013 Tau Beta Pi

Preprints

2017 *Stochastic Cubic Regularization for Fast Nonconvex Optimization.*
Nilesh Tripuraneni*, Mitchell Stern*, Chi Jin, Jeffrey Regier, Michael Jordan.
*Equal contribution.
In submission.

Conference Papers

2017 *Kernel Feature Selection via Conditional Covariance Minimization.*
Jianbo Chen*, Mitchell Stern*, Martin Wainwright, Michael Jordan.
*Equal contribution.
NIPS 2017.

2017 *The Marginal Value of Adaptive Gradient Methods in Machine Learning.*
Ashia Wilson, Rebecca Roelofs, Mitchell Stern, Nathan Srebro, Benjamin Recht.
NIPS 2017.

2017 *Effective Inference for Generative Neural Parsing.*
Mitchell Stern, Daniel Fried, Dan Klein.
EMNLP 2017.

2017 *A Minimal Span-Based Neural Constituency Parser.*
Mitchell Stern, Jacob Andreas, Dan Klein.
ACL 2017.

2017 *Abstract Syntax Networks for Code Generation and Semantic Parsing.*
Maxim Rabinovich*, Mitchell Stern*, Dan Klein.
*Equal contribution.
ACL 2017 (outstanding paper).

2017 *Improving Neural Parsing by Disentangling Model Combination and Reranking Effects.*
Daniel Fried*, Mitchell Stern*, Dan Klein.
*Equal contribution.
ACL 2017.