

<b>Education</b>	<b>Ph.D. Computer Science</b> Coadvised by Daniel Hsu and Allison Bishop Research interests: machine learning theory, geometry of optimization, cryptography	<i>Columbia University</i> Fall 2014 - present
	<b>M.A. Mathematics</b>  Coursework: algebraic topology, algebraic number theory, complex analysis, functional analysis, differential topology, enumerative combinatorics	<i>University of Pennsylvania</i> Fall 2012 - Spring 2014
	<b>B.S. Computer Science and Mathematics</b> Magna Cum Laude. Honors in Mathematics	<i>University of Pennsylvania</i> Fall 2010 - Spring 2014
<b>Experience</b>	<b>Data science intern</b> New York City Researched and implemented models for adaptive anomaly detection in Python. Deployed models to process all production data in real time.	<i>Button</i> May 2017 - August 2017
	<b>Content consultant</b> New York City Designing and writing questions for evaluating data scientists	<i>Correlation One</i> Sept 2017 - present
	<b>Visiting graduate student</b> Berkeley, CA Program on Foundations of Machine Learning	<i>Simons Institute for the Theory of Computing</i> January 2017 - April 2017
	<b>Computer vision intern</b> Boston, MA Researched and implemented a vision-based people tracking system in C++ and OpenCV for use on a quadrotor platform. Used techniques from multiscale object detection, online machine learning, and sensor fusion	<i>Lily Robotics</i> June 2014 - Aug 2014
	<b>Research intern</b> Lexington, MA Designed feature extraction algorithms for time series obtained from radar. Gave group presentation and wrote internal paper	<i>MIT Lincoln Laboratory</i> May 2013 - August 2013
	<b>Publications</b>	
	<b>Linear regression without correspondence</b> Daniel Hsu, Kevin Shi, Xiaorui Sun <i>To appear in Neural Information Processing Systems (NIPS) 2017</i>	
	<b>Correspondence retrieval</b> Alexandr Andoni, Daniel Hsu, Kevin Shi, Xiaorui Sun <i>In Conference on Learning Theory (COLT) 2017</i>	
	<b>Optimal neural tuning for arbitrary stimulus priors</b> Jimmy Wang, Kevin Shi, Alan Stocker, Daniel Lee <i>In Computational and Systems Neuroscience (COSYNE) 2012</i>	
<b>Teaching</b>	<b>Teaching Assistant at Columbia University</b> COMS 4444 - Programming and Problem Solving - Fall 2016 COMS 4772 - Advanced Machine Learning - Spring 2016 COMS 6998 - Algorithms for Massive Data - Fall 2015	
<b>Awards</b>	SAP Code Slam - 1st Place - October 2012	
	Putnam Top 500 - December 2012	
	PennApps Top 20 - Fall 2013, Fall 2014	
<b>Skills</b>	Python, Matlab, Java, C++, OpenCV	