

Kiran Vodrahalli

[Github](#) || (650) 490-0526 || knv@princeton.edu || [LinkedIn](#)

Education	Princeton University <i>A.B. Mathematics</i>	September 2012 - June 2016 (expected)
Interests	Theoretical Computer Science Approximation Algorithms, Machine Learning Theory, Optimization, Statistics, Randomized and Online Algorithms, Information Theory Applied Machine Learning Natural Language Understanding, Computer Vision Computational Neuroscience Sparse Signal Representation	
Research Projects	Solving Word Analogies with Convex Optimization (with Elad Hazan , Spring 2015—) Comparing Hebbian Semantic Vectors Across Language (for NEU 330 , Spring 2015) Noun Compounds in Semantic Quad-Space (with Christiane Fellbaum , Fall 2014) Estimating Trending Twitter Topics with Count-Min Sketch (for COS 521 , Fall 2014) Characterizing Intellectual Interests with SVM (with Sam Wang , Fall 2013—)	
Teaching	Princeton University Grader, COS 226 (Spring 2014) COS Lab TA (Fall 2013 — Spring 2015) Mountain View Library, CA Math tutor , grades 6 – 12. (Fall 2011 — Spring 2012)	
Industry Experience	Palantir Technologies , IQE Intern (Summer 2015) Working on adding support for distributed systems frameworks for machine learning pipelines. Intel Corporation , PerC Intern (June 2011 — August 2012, Summer 2013) Worked on basic depth-sensing algorithms, 3D image capture, basic natural language processing, speech recognition evaluation. Made a few gesture-based demos as well.	
Skills	Programming Languages Python, L ^A T _E X, C, OCaml, Haskell, C++, BASH, Mathematica, MATLAB, Java Distributed Systems Some experience with: Spark, YARN, HDFS	