

SKYLER SETO

EDUCATION	Cornell University	August 2014 - Present
	P.H.D. in Statistics with Special Masters in Computer Science (tentative)	
	Massachusetts Institute of Technology	September 2010 - June 2014
	B.S. in Mathematics with Computer Science	
GRADUATE COURSEWORK	Algorithms, Bayesian Machine Learning, Big Data Analysis, Generalized Linear Models, Machine Learning, Natural Language Processing, Probability Theory, Risk Measures, Statistical Inference, Statistical Learning Theory, Stochastic Processes	
RESEARCH EXPERIENCE	Martin Wells Research Group	December 2016 - Present
	◦ Developing topic model and variational inference algorithm for tensor data	
	Andrew Wilson Research Group	August 2016 - Present
	◦ Developing approximate inference algorithms for ARMA order determination	
	Amy Williams Lab Group	February 2016 - December 2016
	◦ Developed methods for local-ancestry inference using conditional random fields	
WORK EXPERIENCE	Cornell University Statistics Department	August 2014 - Present
	◦ Lab instructor for Intro Statistics course: STSCI 2150	
	◦ Write labs, collect and organize datasets, and teach R data analysis techniques	
	◦ Grader for BTRY 6820 - Graduate level computational genomics course	
	Riot Games Data Science Team	May 2016 - August 2016
	◦ Used time series forecasting models to detect network connection anomalies	
	◦ Automated models for real-time anomaly tracking and recording	
	MIT Anyscale Learning For All Group	May 2015 - August 2015
	◦ Used statistical models for car destination prediction	
	◦ Built tools for parsing car trip signal data (750 GB) for ML prediction problems	
ML AND AI PROJECTS	Predicting Student Final Grades	January 2016 - May 2016
	◦ Used approximate inference algorithm for predicting the distribution of final grades	
	Linguistic Differences in Reddit Users	August 2015 - December 2015
	◦ Used language and lexicon models to determine user involvement on subreddits	
	Human Activity Time Series Classification	January 2015 - September 2015
	◦ Designed algorithm based on dynamic time warping for automatic feature selection	
	◦ Published in 2015 IEEE Symposium Series on Computational Intelligence	
	MIT Lego Robot Competition	January 2013
	◦ Built an autonomous Lego robot to navigate a field and interact with objects	
	◦ Received second place in 2013 competition	
TECHNOLOGY	Big Data Software: Hadoop, Spark Programming Languages: Python, R, SQL, Java, MATLAB	