

EDUCATION	Carnegie Mellon University , Pittsburgh, PA	
	<i>Ph.D. Candidate in Machine Learning</i>	2012 – Present
	<ul style="list-style-type: none">• Research Advisor: Eric P. Xing• Expected graduation date: May 2018	
	<i>M.Sc. in Machine Learning</i>	2012 – 2016
	California Institute of Technology , Pasadena, CA	
	<i>B.Sc. with Honor in Computer Science</i>	2010 – 2012
	Wesleyan University , Middletown, CT	
	<i>B.A. with High Honor in Physics and Mathematics</i>	2007 – 2010
EMPLOYMENT	Petuum Inc. , Pittsburgh, PA	
	<i>Senior Director of Engineering</i>	Dec 2016 – Present
	<ul style="list-style-type: none">• Strongly technical engineering leader driving the first product prototypes of the company while rapidly growing the organization to expand product scopes. Currently marshaling the work of 5 teams and front-line managers.• Led the PetuumMed Imaging team to develop best in class deep learning methods to assist radiologists in image-based diagnosis. This is part of Petuum's healthcare solution that make diagnosis and treatment recommendation by leveraging image, textual, and structured data in the forms of chest x-rays, CT scan, admission note, lab test, and others.	
	Bosch Research , Pittsburgh, PA	
	<i>Research Intern</i>	May 2016 – Aug 2016
	<ul style="list-style-type: none">• Used TensorFlow on a GPU cluster to train state-of-the-art convolutional neural networks for environmental sound analysis. Published two papers in ICASSP 2017.	
	Facebook , Menlo Park, CA	
	<i>Software Engineer Intern</i>	May 2015 – Aug 2015
	<ul style="list-style-type: none">• Developed a distributed machine learning backend for large-scale logistic regression using Petuum parameter server.• Benchmarked Petuum against Facebook's internal system and open source Vowpal Wabbit; showed that Petuum achieves high system throughput and produces comparable to better models.	
	Google , Pittsburgh, PA	
	<i>Software Engineer Intern</i>	May 2013 – August 2013
	<ul style="list-style-type: none">• Contributed to the Ad Quality backend; developed a hyperparameter tuning framework to optimize SmartAds training system with convex and non-convex optimization algorithms; built a web frontend for other teams to interface with the framework.	
	LinkedIn , Mountain View, CA	
	<i>Software Developer Intern</i>	June 2012 – August 2012
	<ul style="list-style-type: none">• Implemented several background tasks in the payment backend using Java, Oracle SQL, Python, and Spring Framework.	
PROGRAMMING	C/C++, Python, Matlab, Java, Linux, \LaTeX 2 ϵ .	