

EDUCATION	<b>Carnegie Mellon University</b> , Pittsburgh, PA	
	<i>Ph.D. Candidate in Machine Learning</i>	<b>2012 – Present</b>
	<ul style="list-style-type: none"><li>• Research Advisor: Eric P. Xing</li><li>• Expected graduation date: Aug 2017</li></ul>	
	<i>M.Sc. in Machine Learning</i>	<b>2012 – 2016</b>
	<b>California Institute of Technology</b> , Pasadena, CA	
	<i>B.Sc. with Honor in Computer Science</i>	<b>2010 – 2012</b>
	<b>Wesleyan University</b> , Middletown, CT	
	<i>B.A. with High Honor in Physics and Mathematics</i>	<b>2007 – 2010</b>
EMPLOYMENT	<b>Petuum Inc.</b> , Pittsburgh, PA	
	<i>Director of Product Development</i>	<b>Dec 2016 – Present</b>
	<ul style="list-style-type: none"><li>• Overseeing the development of distributed machine learning and deep learning platforms; leading the development healthcare AI.</li><li>• Developing and publishing the state-of-the-art method to segment the lung fields and the heart in chest x-rays with adversarial neural networks to aid diagnosis.</li></ul>	
	<b>Bosch Research</b> , Pittsburgh, PA	
	<i>Research Intern</i>	<b>May 2016 – Aug 2016</b>
	<ul style="list-style-type: none"><li>• 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.</li></ul>	
	<b>Facebook</b> , Menlo Park, CA	
	<i>Software Engineer Intern</i>	<b>May 2015 – Aug 2015</b>
	<ul style="list-style-type: none"><li>• Developed a distributed machine learning backend for large-scale logistic regression using Petuum parameter server.</li><li>• 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.</li></ul>	
	<b>Google</b> , Pittsburgh, PA	
	<i>Software Engineer Intern</i>	<b>May 2013 – August 2013</b>
	<ul style="list-style-type: none"><li>• 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.</li></ul>	
	<b>LinkedIn</b> , Mountain View, CA	
	<i>Software Developer Intern</i>	<b>June 2012 – August 2012</b>
	<ul style="list-style-type: none"><li>• Implemented several background tasks in the payment backend using Java, Oracle SQL, Python, and Spring Framework.</li></ul>	
	<b>OpenX</b> , Pasadena, CA	
	<i>Software Developer Intern</i>	<b>April 2012 – June 2012</b>
	<ul style="list-style-type: none"><li>• Simulated a large number of users to load-test several internal servers using Erlang and Tsung; developed Tsung modules to enable Thrift protocols.</li></ul>	
PROGRAMMING	C/C++, Python, Matlab, Java, Linux, $\text{\LaTeX}$ 2 $\epsilon$ .	