

# Hao Wu

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GENERAL INFORMATION	Email: <a href="mailto:wu.hao10@northeastern.edu">wu.hao10@northeastern.edu</a> Homepage: <a href="http://hao-w.github.io">hao-w.github.io</a>	Phone: (+1) 206-369-8865 Github: <a href="#">hao-w</a>
RESEARCH INTERESTS	Bayesian Inference, Deep Probabilistic Models, Probabilistic Programming	
EDUCATION	<b>Ph.D</b> in Computer Science, GPA: 3.69/4.00 <a href="#">Northeastern University</a> , <i>Boston, MA</i> Advisor: <a href="#">Jan-Willem van de Meent</a>	Sep. 2017 - Present
	<b>M.Sc</b> in Computer Science, GPA: 3.80/4.00 <a href="#">University of Virginia</a> , <i>Charlottesville, VA</i>	Aug. 2015 - Dec.2016
	<b>M.Sc</b> in Applied Mathematics, GPA: 3.73/4.00 <a href="#">University of Washington</a> , <i>Seattle, WA</i>	Sep. 2014 - Jun. 2015
	<b>B.S</b> in Mathematics, GPA: 3.81/4.00 <a href="#">Sichuan University</a> , <i>Chengdu, China</i>	Sep. 2010 - Jul. 2014
PUBLICATIONS	<b>Hao Wu</b> , Heiko Zimmermann, Eli Sennesh, Tuan-Anh Le, Jan-Willem van de Meent. Amortized Population Gibbs Samplers with Neural Sufficient Statistics. <i>ICML</i> , 2020.  Babak Esmaeili, <b>Hao Wu</b> , Sarthak Jain, Alican Bozkurt, N. Siddharth, Brooks Paige, Dana H. Brooks, Jennifer Dy, Jan-Willem van de Meent. Structured Disentangled Representations. <i>AISTATS</i> , 2019.  Eli Sennesh, Adam Ścibior, <b>Hao Wu</b> , Jan-Willem van de Meent. Composing Modeling and Inference Operations with Probabilistic Program Combinators. <i>NeurIPS Bayesian Nonparametrics Workshop</i> , 2018.	
TEACHING	<b>Teaching Assistant</b> , DS5230 Unsupervised Machine Learning and Data Mining <a href="#">Khoury College of Computer Science</a> , <i>Northeastern University</i>	Fall 2018
EMPLOYMENT	<b>Associate Software Engineer</b> <a href="#">MicroStrategy, Inc.</a> , <i>Tysons, VA</i> Developed Bayesian methods to detect activity abnormality from mobile user data. Assisted in developing the structure of database using the Kafka framework.	Jan. 2017 - Jun. 2017
SKILLS	<b>Computer Programming:</b> Python, Java, Matlab, R <b>Operating Systems:</b> Linux, Windows	