

Hao Wu

GENERAL INFORMATION	Email: wu.hao10@northeastern.edu Homepage: hao-w.github.io	Phone: (+1) 206-369-8865 Github: hao-w
RESEARCH INTERESTS	Bayesian Inference, Deep Probabilistic Models, Probabilistic Programming	
EDUCATION	Ph.D in Computer Science, GPA: 3.55/4.00 Northeastern University , <i>Boston, MA</i> Sep. 2017 - Present Advisor: Jan-Willem van de Meent	
	M.Sc in Computer Science, GPA: 3.80/4.00 University of Virginia , <i>Charlottesville, VA</i> Aug. 2015 - Dec.2016	
	M.Sc in Applied Mathematics, GPA: 3.73/4.00 University of Washington , <i>Seattle, WA</i> Sep. 2014 - Jun. 2015	
	B.S in Mathematics, GPA: 3.81/4.00 Sichuan University , <i>Chengdu, China</i> Sep. 2010 - Jul. 2014	
PUBLICATIONS	Hao Wu , 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, Hao Wu , 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, Hao Wu , Jan-Willem van de Meent. Composing Modeling and Inference Operations with Probabilistic Program Combinators. <i>NeurIPS Bayesian Nonparametrics Workshop</i> , 2018.	
TEACHING	Teaching Assistant , DS5230 Unsupervised Machine Learning and Data Mining Khoury College of Computer Science , <i>Northeastern University</i> Fall 2018	
EMPLOYMENT	Associate Software Engineer MicroStrategy, Inc. , <i>Tysons, VA</i> Jan. 2017 - Jun. 2017 Developed Bayesian methods to detect activity abnormality from mobile user data. Assisted in developing the structure of database using the Kafka framework.	
SKILLS	Computer Programming: Python, Java, Matlab, R Operating Systems: Linux, Windows	