

EDUCATION

New York University Courant Institute of Mathematical Sciences, Computer Science PhD Candidate. Advisors: Rajesh Ranganath and Thomas Wies	New York, NY Fall 2018 - Present
Harvard University School of Engineering and Applied Sciences, Computer Science Special Student (mix of undergrad and PhD coursework)	Cambridge, MA Spring 2016 - Spring 2018
New England Conservatory of Music Bachelor of Music in Contemporary Improvisation	Boston, MA Fall 2011 - Spring 2015

EXPERIENCE

Teaching Assistant, NYU , Computer Science department	New York, NY Fall 2019 - Spring 2021
<ul style="list-style-type: none">• CSCI-GA.2565: Machine Learning. Prof: Rajesh Ranganath. Spring 2021.• CSCI-GA.2572: Deep Learning. Prof: Yann LeCun. Spring 2020.• CSCI-GA.2565: Machine Learning. Prof: Rajesh Ranganath. Fall 2019.	
Teaching Fellow, Harvard University , Computer Science department	Cambridge, MA Spring 2016 - Spring 2021
<ul style="list-style-type: none">• CS 181: Machine Learning. Profs: Finale Doshi-Velez and David Parkes. Spring 2021.*• CS 252: Programming Languages and Artificial Intelligence. Prof: Nada Amin. Fall 2020.^{†+}• CS 181: Machine Learning. Prof: Finale Doshi-Velez. Spring 2018.*⁺• CS 281: Advanced Machine Learning. Prof: Sasha Rush. Fall 2017.*^{†+}• CS 121: Introduction to Theoretical Computer Science. Profs: Boaz Barak and Salil Vadhan. Fall 2017.⁺• CS 181: Machine Learning. Profs: David Parkes and Sasha Rush. Spring 2017.⁺• CS 61: Systems Programming and Machine Organization. Profs: Margo Seltzer and Eddie Kohler. Fall 2016.⁺	

*Head Teaching Fellow, [†]Graduate Level, ⁺Harvard Distinction in Teaching Award

Machine Learning Research Intern, Apple , Health AI Supervisor: Andy Miller	Seattle, WA Summer 2021
Research Intern, RIKEN , Center for Advanced Intelligence Project PI: Mohammad Emtiyaz Khan, Approximate Bayesian Inference Team	Tokyo, Japan Summer 2019
Research Assistant, MIT , Brain and Cognitive Sciences department PI: Josh Tenenbaum, Computational Cognitive Science group	Cambridge, MA Summer 2018

PUBLICATIONS

Mark Goldstein, Xintian Han, Aahlad Manas Puli, Thomas Wies, Adler J. Perotte, Rajesh Ranganath. Inverse-Weighted Survival Games. *In submission* @ NeurIPS 2021.

Lily H. Zhang, Mark Goldstein, Rajesh Ranganath. Understanding Failures in Out-of-Distribution Detection with Deep Generative Models . Conference paper @ ICML 2021.

Lily H. Zhang, Mark Goldstein, Rajesh Ranganath. Understanding Out-of-Distribution Detection with Deep Generative Models. RobustML Workshop @ ICLR 2021.

Mark Goldstein, Xintian Han, Aahlad Manas Puli, Adler J. Perotte, Rajesh Ranganath. X-CAL: Explicit Calibration for Survival Analysis. Conference paper @ NeurIPS 2020.

MISC

Coding Experience: Python (e.g. modeling/inference in PyTorch) and LEAN (type theory and theorem proving).
Languages: English (native) and Russian (native). Arabic (beginner)

REFERENCES

1. Rajesh Ranganath, NYU Courant, rajeshr@cims.nyu.edu
2. Finale Doshi-Velez, Harvard CS, finale@seas.harvard.edu.