Mark Goldstein

goldstein@nyu.edu
marikgoldstein.github.io

Education

NYU, Courant Institute, PhD Candidate (w/ Rajesh Ranganath, Thomas Wies)
New York
2018 - Aug 2025

Harvard University, Special Student (mix of undergrad and PhD coursework)
Cambridge
2016 - 2018

New England Conservatory of Music, Bachelor of Music
Boston
2011 - 2015

Experience

Simons Foundation, Flatiron Institute, Research Fellow (postdoc)
New York
2025 -

Google DeepMind, Student Researcher (w/ Will Grathwohl, Arnaud Doucet)
New York
2024

NYU Langone Health, Non-traditional Volunteer (Radiology and Population Health)
New York
2020 -

Apple, Machine Learning Intern in Health AI
New York
2021-2022

RIKEN Center for Advanced Intelligence Project, Research Intern (w/ Emtiyaz Khan)
Tokyo, Japan
2019

MIT Brain and Cognitive Sciences, Research Assistant (w/ Pedro Tsividis, Josh Tenenbaum)
Cambridge
2018

Harvard University, Computer Science, Teaching Fellow (various courses, see below)
Cambridge
2016-2021

Teaching Assistant / Teaching Fellow

NYU, Machine Learning. Rajesh Ranganath. Spring 2022.
NYU, Machine Learning. Rajesh Ranganath. Spring 2021.
NYU, Deep Learning. Yann LeCun. Spring 2020.
NYU, Machine Learning. Rajesh Ranganath. Fall 2019.
Harvard, CS 181: Machine Learning. Finale Doshi-Velez and David Parkes. Spring 2021.[*+]
Harvard, CS 252: Programming Languages and Artificial Intelligence. Nada Amin. Fall 2020.[†+]
Harvard, CS 181: Machine Learning. Finale Doshi-Velez. Spring 2018.[*+]
Harvard, CS 281: Advanced Machine Learning. Sasha Rush. Fall 2017.[*†+]
Harvard, CS 121: Intro to Theoretical CS. Boaz Barak and Salil Vadhan. Fall 2017.[+]
Harvard, CS 181: Machine Learning. David Parkes and Sasha Rush. Spring 2017.[+]
Harvard, CS 61: Systems Programming and Machine Organization. Margo Seltzer and Eddie Kohler. Fall 2016.[+]
Harvard Extension School. COMPSCI 109A: Data Science 1: Introduction to Data Science 2020.
Harvard Extension School. CSCI E-83 Fundamentals of Data Science. 2017
Harvard Extension School. CSCI E-7 Introduction to Programming with Python. 2017
Harvard Extension School. CSCI E-63c. Elements of Data Science and Statistical Learning with R. 2016.
Harvard Extension School. COMPSCI 1: Great Ideas in Computer Science. 2016.

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

Workshop Organization

Co-organized the second iteration of Workshop on Spurious Correlations, Invariance, and Stability @ ICML 2023.

Co-organized [Workshop on Spurious Correlations, Invariance, and Stability @ ICML 2022](#).

Awards and Fellowships

Spring 2025: [D.E. Shaw Research](#) Phd + Postdoc Fellowship Award.

Fall 2024: NYU Henning Biermann Prize. This award honors the memory of Henning Biermann, a brilliant and much-loved Ph.D. student whose dedication to teaching, mentoring, and service enriched academic and extracurricular life for everyone in the department. The award is made to a CS Ph.D. student who exemplifies this spirit through outstanding contributions to education or service to the department.

Fall 2021: selected as a recipient of the NeurIPS 2021 Outstanding Reviewer Award.

Fall 2018: MacCracken Fellow, NYU Graduate School of Arts and Sciences. Five years of PhD funding.

Mentoring

Abhipsha Das (Master's Thesis at NYU, 2024, on diffusions for text)

Shraddha Jain (current Master's student, 2024, research on VAEs/Diffusion Models)

Nina Mortensen (Masters Thesis at NYU, 2024, research on VAEs, now at Fauna Robotics)

Kyle Adams (Undergradate from University of Florida, 2022, research on survival analysis, now a math phd at UF)

Mentor for [Women in Data Science Datathon](#), Cambridge, 2021.

Tutored at [NYU AI School](#), meant as a first exposure to ML for NYC-area undergrads.

Publications

Please see [google scholar](#).

Reviewing

Since 2020, I have been reviewing for machine learning venues such as NeurIPS, AISTATS, ICML, AAAI, ICLR, CLeaR, JMLR, and miscellaneous workshops at these conferences.

Misc.

Coding: Python (Jax, PyTorch, etc).

Languages: English (fluent), Russian (fluent), Arabic (a bit)

Instruments: oud, guitar

Music.

Studied composition with Stratis Minakakis, Anthony Coleman, Pierluigi Billone, Franck Bedrossian, Wolfgang Rihm, and Ran Blake

Compositions performed at The Stone (NYC), Summer Institute for Contemporary Performance Practice (Boston), Composit Festival (Italy), Etchings Festival (France), and International Summer Academy at the Mozarteum (Austria).

Compositions performed by members of Ensemble InterContemporain (Paris), Klangforum Wien (Vienna), and Ictus Ensemble (Brussels).

REFERENCES

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