Mufan (Bill) Li

https://mufan-li.github.io/

96 Saint Patrick Street ◇ Toronto, ON M5T 1V2

(416)·843·9179 ◇ mufan.li@mail.utoronto.ca

DEGREES

University of Toronto
Ph.D. Statistics	Sept 2017 – Expected 2023
M.Sc. Statistics	June 2016
B.A.Sc. Engineering Science	June 2015

RESEARCH ARTICLES

Acceleration of Gossip Algorithms through the Euler–Poisson–Darboux Equation
With Raphaël Berthier
arXiv Preprint, arXiv:2202.10742

Analysis of Langevin Monte Carlo from Poincaré to Log-Sobolev
With Sinho Chewi, Murat A. Erdogdu, Ruoqi Shen, and Matthew Zhang
arXiv Preprint, arXiv:2112.12662

The Future is Log-Gaussian: ResNets and Their Infinite-Depth-and-Width Limit at Initialization
With Mihai Nica and Daniel M. Roy
NeurIPS 2021, arXiv Preprint, arXiv:2106.04013

Higher Order Generalization Error for First Order Discretization of Langevin Diffusion
With Maxime Gazeau
arXiv Preprint, arXiv:2102.06229

Riemannian Langevin Algorithm for Solving Semidefinite Programs
With Murat A. Erdogdu
arXiv Preprint, arXiv:2010.11176

AWARDS

Probability Section Student Research Presentation Award	2021

Statistical Society of Canada (SSC) Annual Meeting

Ontario Graduate Scholarship	2019–2022

University of Toronto

MITACS Accelerate Fellowship	August 2018

with Borealis AI

Faculty of Applied Science and Engineering Undergraduate Summer Research Fellowship
May 2012

with Professor Birsen Donmez

WORK EXPERIENCE

Borealis AI   August 2018 - April 2019
Machine Learning Research Intern   *Toronto, ON*
Supported by the MITACS Accelerate Fellowship.

Ontario Teachers' Pension Plan   July 2016 - July 2017
Investment Analyst, Global Credit Products   *Toronto, ON*

RBC Capital Markets   May 2013 - August 2014
Intern, Electronic and Algorithmic Trading   *Toronto, ON*