

Mufan (Bill) Li

<https://mufan-li.github.io/about/>

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EDUCATION

University of Toronto Ph.D. in Statistics	Sept 2017 - Expected 2021
University of Toronto M.Sc. in Statistics - GPA: 3.96	June 2016
University of Toronto B.A.Sc. in Engineering Science, Electrical and Computer Engineering - GPA: 3.66	June 2015

EXPERIENCE

Borealis AI <i>Machine Learning Research Intern</i> Supported by the MITACS Accelerate Fellowship.	August 2018 - Present Toronto, ON
Ontario Teachers' Pension Plan <i>Investment Analyst, Global Credit Products</i>	July 2016 - July 2017 Toronto, ON
RBC Capital Markets <i>Intern, Electronic and Algorithmic Trading</i>	May 2013 - August 2014 Toronto, ON

RESEARCH

Uniform Stability and High Order Approximation of the Langevin Algorithm in Non-Convex Learning <i>Poster Presentation at Vector Research Symposium</i>	February 2019 Toronto, ON
An Escape Time Analysis of SGD <i>Poster Presentation at Integration of Deep Learning Theories Workshop (NeurIPS)</i>	December 2018 Montreal, QC
Commodity Price and Derivatives Model <i>Research Assistant - Supervisor: Professor Sebastian Jaimungal</i>	November 2015 - October 2016 Toronto, ON
Collaborative Filtering Approach to Understanding Student GPA <i>M.Sc. Research Course - Supervisor: Professor Jeffrey Rosenthal</i>	July 2015 - April 2016 Toronto, ON
Numerical Methods for PDEs <i>B.A.Sc. Thesis - Supervisor: Professor Christina Christara</i>	Jan 2014 - August 2015 Toronto, ON

FELLOWSHIPS

MITACS Accelerate Fellowship <i>with Borealis AI</i>	August 2018 Toronto, ON
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Faculty of Applied Science and Engineering Undergraduate Summer Research Fellowship
Summer 2012
with Professor Birsen Donmez *Toronto, ON*

TEACHING ASSISTANT POSITIONS HELD

ESC103 Engineering Mathematics and Computation <i>with Professor William Cluett</i>	Fall 2017, 2018 <i>Toronto, ON</i>
STA286 Engineering Probability and Statistics <i>with Professor Mark Ebdon and Professor Deepa Kundur</i>	Winter 2018 <i>Toronto, ON</i>
STA410 Computational Statistics <i>with Professor Keith Knight</i>	Fall 2017 <i>Toronto, ON</i>
STA220 The Practice of Statistics	Summer 2016
STA248 Statistics for Computer Science <i>with Professor Shivon Sue-Chee</i>	Winter 2016 <i>Toronto, ON</i>
STA261 Probability and Statistics II <i>with Professor Shivon Sue-Chee</i>	Winter 2016 <i>Toronto, ON</i>
STA304 Survey, Sampling, and Observational Data <i>with Neil Montgomery</i>	Winter 2016 <i>Toronto, ON</i>
STA247 Probability with Computer Applications <i>with Luai Al Labadi</i>	Winter 2016 <i>Toronto, ON</i>