

Lovedeep Gondara

CONTACT INFORMATION	Data and Analytics British Columbia Cancer Agency Vancouver, BC V5Z1G1 Canada	<i>Cell:</i> (604) 832-7114 <i>E-mail:</i> lovedeep.gondara@bccancer.bc.ca
	Dept. of Computing Science Simon Fraser University Burnaby, BC V5A 1S6 Canada	<i>E-mail:</i> lgondara@sfu.ca
RESEARCH INTERESTS	Differential Privacy in Machine Learning, Deep Learning, Bayesian Statistics, Generative Models, Machine Learning in Healthcare, Decentralized Learning.	
EDUCATION	Simon Fraser University , Burnaby, BC Canada	
	Ph.D., Computer Science, Dec 2022 (Expected)	
	• Advisor: Ke Wang	
	University of Illinois , Springfield, Illinois USA	
	M.S., Computer Science, Dec, 2015	
	• Advisor: Ted Mims	
	Colorado State University , Fort Collins, Colorado USA	
	Graduate courses, Statistics, 2014-2015	
	University of the Fraser Valley , Abbotsford, BC Canada	
	Graduate Certificate in Data Analytics, 2012-2013	
	Punjab Technical University , Punjab India	
	B.Tech, Computer Science, August, 2011	
WORK/RESEARCH EXPERIENCE	British Columbia Cancer Agency , Vancouver, BC Canada	
	<i>Biostatistician/Data Scientist</i>	June, 2013 - present
	<i>Interim Team Lead, BioStatistics</i>	Dec, 2018 - Mar, 2021
	Statistics Canada , Vancouver, BC Canada	
	<i>Deemed Researcher</i>	January, 2013 - December, 2016
TEACHING EXPERIENCE	Simon Fraser University , Burnaby, BC Canada	
	<i>Introduction to neural networks</i>	December, 2016
	<i>Introduction to Generative Adversarial Networks</i>	May, September, 2017
HONORS AND AWARDS	CMPT Graduate Fellowship, Simon Fraser University, 2019	

Travel award, NeurIPS 2019

Clark Wilson LLP Graduate Scholarship, 2019

Travel award, EurNLP 2019

NVIDIA GPU Grant, 2018

CMPT travel award, Simon Fraser University, 2018

Alexander Graham Bell Canada Graduate Scholarship (CGS-D), 2018

Helmut & Hugo Eppich Family Grad School award, Simon Fraser University, 2017

John Jambor Knowledge Fund award, British Columbia Cancer Agency, 2017

CMPT travel award, Simon Fraser University, 2017

CMPT Graduate Fellowship, Simon Fraser University, 2017

CMPT travel award, Simon Fraser University, 2016

John Jambor Knowledge Fund award, British Columbia Cancer Agency, 2016

International Biometrics Conference Travel Award, British Columbia Cancer Agency, 2016

John Jambor Knowledge Fund award, British Columbia Cancer Agency, 2014

SAS Global Forum Travel Award, SAS institute, 2014

SAS Global Forum Travel Award, SAS institute, 2013

PUBLICATIONS

Most recent and relevant five publications, for a complete list, please see the Google scholar link.

1. **Gondara, L.** & Wang, K. (2023, January). PubSub-ML: A Model Streaming Alternative to Federated Learning. In Proceedings on Privacy Enhancing Technologies, 2023 (To appear).
2. **Gondara, L.**, Wang, K., & Carvalho, R. S. (2022, March). Differentially Private Ensemble Classifiers for Data Streams. In Proceedings of the 15th ACM International Conference on Web Search and Data Mining, WSDM 2022.
3. **Gondara, L.**, Carvalho, R. S., & Wang, K. (2021, October). Training Differentially Private Neural Networks with Lottery Tickets. In European Symposium on Research in Computer Security (pp. 543-562), ESORICS 2021. Springer, Cham.
4. **Gondara, L.**, & Wang, K. (2020, August). Differentially Private Small Dataset Release Using Random Projections. In Conference on Uncertainty in Artificial Intelligence (pp. 639-648), UAI 2020. PMLR.
5. **Gondara, L.**, & Wang, K. (2020, September). Differentially Private Survival Function Estimation. In Machine Learning for Healthcare Conference (pp. 271-291), MLHC 2020. PMLR.

ACADEMIC SERVICE

Reviewer:

SDM 18' 21' 22', ICML 20' 21' 22', EMNLP 20' 21', EACL 21', NeurIPS 20' 21' 22', ACL 19' 20' 21', CHIL 20' 21' 22', ICLR 20' 21' 22' 23', KDD 21' 22'

PROGRAMMING

Python, R, SAS

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GOOGLE SCHOLAR <https://goo.gl/tFuznH>

GITHUB <https://github.com/lgondara>