

## Lovedeep Gondara

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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.	
EDUCATION	<b>Simon Fraser University</b> , Burnaby, BC Canada	
	Ph.D. Student, Computer Science, September 2016 - <ul style="list-style-type: none"><li>• Advisor: Ke Wang</li></ul>	
	<b>University of Illinois</b> , Springfield, Illinois USA	
	M.S., Computer Science, Dec, 2015 <ul style="list-style-type: none"><li>• Advisor: Ted Mims</li></ul>	
	<b>Colorado State University</b> , Fort Collins, Colorado USA	
	Graduate courses, Statistics, 2014-2015	
RESEARCH EXPERIENCE	<b>University of the Fraser Valley</b> , Abbotsford, BC Canada	
	Graduate Certificate in Data Analytics, 2012-2013	
	<b>Punjab Technical University</b> , Punjab India	
	B.Tech, Computer Science, August, 2011	
	<b>British Columbia Cancer Agency</b> , Vancouver, BC Canada	
	<i>Team Lead, BioStatistics</i>	<b>Dec, 2018 - present</b>
TEACHING EXPERIENCE	<b>British Columbia Cancer Agency</b> , Vancouver, BC Canada	
	<i>BioStatistical Analyst</i>	<b>June, 2013 - Nov 2018</b>
	<b>Statistics Canada</b> , Vancouver, BC Canada	
	<i>Deemed Researcher</i>	<b>January, 2013 - December, 2016</b>
	<b>British Columbia Cancer Agency</b> , Vancouver, BC Canada	
	<i>Tutorial on missing data</i> <i>Tutorial on differential privacy</i>	<b>2014,2015,2016,2017 2019</b>
	<b>Simon Fraser University</b> , Burnaby, BC Canada	

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

RELEVANT AND  
RECENT  
PUBLICATIONS

**Gondara, L.** and Wang, K. “Differentially Private Survival Function Estimation” *Machine Learning for Healthcare (MLHC)*, 2020. (To appear)

**Gondara, L.** and Wang, K. “Differentially Private Small Dataset Release Using Random Projections” *Proceedings of the 36th Conference on Uncertainty in Artificial Intelligence (UAI)*, 2020 (To appear)

Ricardo Silva Carvalho, Ke Wang, **Lovedeep Gondara**, Chunyan Miao. “Differentially Private Top-k Selection via Stability on Unknown Domain” *Proceedings of the 36th Conference on Uncertainty in Artificial Intelligence (UAI)*, 2020 (To appear)

**Gondara, L.**, Ke Wang, and Ricardo Silva Carvalho. “The Differentially Private Lottery Ticket Mechanism.” arXiv preprint arXiv:2002.11613 (2020).

**Gondara, L.** and Wang, K. “MIDA: Multiple Imputation Using Denoising Autoencoders” *Pacific-Asia Conference on Knowledge Discovery and Data Mining*. Springer, Cham, 2018, pp. 260-272.

**Gondara, L.** and Wang, K. “Recovering Loss to Followup Information Using Denoising Autoencoders.” 2017 *IEEE International Conference on Big Data (Big Data)*, Boston, MA, 2017, pp. 1936-1945. doi: 10.1109/BigData.2017.8258139

**L. Gondara,** ”Medical Image Denoising Using Convolutional Denoising Autoencoders,” 2016 *IEEE 16th International Conference on Data Mining Workshops (ICDMW)*, Barcelona, 2016, pp. 241-246. doi: 10.1109/ICDMW.2016.0041

ALL PUBLICATIONS Please see Google Scholar link below

ACADEMIC SERVICE Reviewer:  
SDM 18’, ICML 20’, EMNLP 20’, NeurIPS 20’, ACL 19’ 20’, CHIL 20’, ICLR 20’

PROGRAMMING Python, R, SAS, Java

HOME PAGE <https://lovedeepgondara.com/>

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

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

REFERENCES Provided upon request