Lovedeep Gondara

CONTACT INFORMATION	Data and Analytics British Columbia Cancer Agency Vancouver, BC V5Z1G1 Canada	*Cell:* (604) 832-7114 *E-mail:* lovedeep.gondara@bccancer.bc.ca
	Dept. of Computing Science Simon Fraser University Burnaby, BC V5A 1S6 Canada	*E-mail:* lgondara@sfu.ca

RESEARCH
INTERESTS

Differential Privacy in Machine Learning, Deep Learning, Bayesian Statistics, Generative Models, Machine Learning in Healthcare.

EDUCATION

Simon Fraser University, Burnaby, BC Canada

Ph.D. Student, Computer Science, April 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

RESEARCH
EXPERIENCE

British Columbia Cancer Agency, Vancouver, BC Canada
Team Lead, BioStatistics   **Dec, 2018 - present**

British Columbia Cancer Agency, Vancouver, BC Canada
BioStatistical Analyst   **June, 2013 - Nov 2018**

Statistics Canada, Vancouver, BC Canada
Deemed Researcher   **January, 2013 - December, 2016**

TEACHING
EXPERIENCE

Simon Fraser University, Burnaby, BC Canada
Introduction to neural networks   **December, 2016**

Introduction to Generative Adversarial Networks   **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., & Carvalho, R. S. (2022, To appear). Differentially Private Ensemble Classifiers for Data Streams. In Proceedings of the 15th ACM International Conference on Web Search and Data Mining, WSDM 2022.

2. **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.

3. **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.

4. **Gondara, L.**, & Wang, K. (2020, September). Differentially Private Survival Function Estimation. In Machine Learning for Healthcare Conference (pp. 271-291), MLHC 2020. PMLR.

5. Carvalho, R. S., Wang, K., **Gondara, L.**, & Miao, C. (2020, August). Differentially Private Top-k Selection via Stability on Unknown Domain. In Conference on Uncertainty in Artificial Intelligence (pp. 1109-1118), UAI 2020. PMLR.

ACADEMIC SERVICE   Reviewer:
SDM 18' 21' 22', ICML 20' 21', EMNLP 20' 21', EACL 21', NeurIPS 20' 21', ACL 19' 20' 21', CHIL

20' 21', ICLR 20' 21' 22', KDD 21'

PROGRAMMING   Python, R, SAS

HOMEPAGE   https://lovedeepgondara.com/

GOOGLE SCHOLAR https://goo.gl/tFuznH

GITHUB   https://github.com/lgondara