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Current Position

- **Montreal Institute for Learning Algorithms** Montreal, Canada
  Postdoctoral Researcher *January 2019 -*

Education

- **University of British Columbia** Vancouver, Canada
  Doctor of Philosophy (Computer Science) *Sep 2015 - Dec 2018*
  - Supervisors: Mark Schmidt, Laks Lakshmanan
  - Thesis: Structured Bandits and Applications
- **University of British Columbia** Vancouver, Canada
  Master of Science (Computer Science) *Sep 2013 - July 2015*
  - Supervisor: Laks Lakshmanan
  - Thesis: Influence Maximization in Bandit and Adaptive settings
  - Overall GPA: 4.32 / 4.33
- **Birla Institute of Technology and Science, Pilani** Goa, India
  Bachelor of Engineering (Computer Science) *Aug 2008 - July 2012*
  - Overall GPA: 9.37 / 10

Selected Publications

- "Fast and Faster Convergence of SGD for Over-Parameterized Models and an Accelerated Perceptron", **Sharan Vaswani**, Francis Bach, Mark Schmidt. International Conference on Artificial Intelligence and Statistics (AISTATS), 2019.
- "Online Influence Maximization under Independent Cascade Model with Semi-Bandit Feedback", Zheng Wen, Branislav Kveton, Michal Valko, **Sharan Vaswani**. Neural Information Processing Systems (NIPS), 2017.
- "Model-Independent Online Learning for Influence Maximization", **Sharan Vaswani**, Branislav Kveton, Zheng Wen, Mohammad Ghavamzadeh, Laks Lakshmanan, Mark Schmidt. International Conference on Machine Learning (ICML), 2017.
- "Horde of Bandits using Gaussian Markov Random Fields", **Sharan Vaswani**, Mark Schmidt, Laks Lakshmanan. International Conference on Artificial Intelligence and Statistics (AISTATS), 2017. **(Oral presentation)**
- "Influence Maximization with Bandits", **Sharan Vaswani**, Laks Lakshmanan, Mark Schmidt. NIPS workshop on Networks in the Social and Information Sciences, 2015.
- "Modeling Non-Progressive Phenomena for Influence Propagation", Vincent Yun Lou, Smriti Bhagat, Laks Lakshmanan, **Sharan Vaswani**. ACM Conference on Online Social Networks (COSN), 2014.

Working Papers and Preprints

- "New Insights into Bootstrapping for Bandits", **Sharan Vaswani**, Branislav Kveton, Zheng Wen, Anup Rao, Mark Schmidt, Yasin Abbasi-Yadkori. arXiv:1805.09793, 2018.
- "Combining Bayesian Optimization and Lipschitz Optimization", Mohamed Osama Ahmed, **Sharan Vaswani**, Mark Schmidt. arXiv:1810.04336, 2018.

- "Adaptive Influence Maximization in Social Networks: Why Commit when You can Adapt?", **Sharan Vaswani**, Laks V.S. Lakshmanan. arXiv:1604.08171, 2016.

Work Experience

- **Inria Paris** — Paris, France
  Intern — *May 2018 - July, 2018*
- **Apple** — Seattle, USA
  Intern — *June 2017 - August, 2017*
- **Limespot** — Vancouver, Canada
  Machine Learning Consultant — *March - May 2017; Sept, 2017 - Oct, 2017*
- **Adobe Research** — San Jose, USA
  Data Scientist Intern — *Aug 2016 - Oct 2016*
- **University of British Columbia** — Vancouver, Canada
  Teaching Assistant — *Sep 2013 - Dec 2018*
- **Siemens Corporate Research and Technologies** — Bangalore, India
  Research Engineer, Parallel Systems — *July 2012 - June 2013*
- **Siemens Corporate Research and Technologies** — Bangalore, India
  Research Intern, Parallel Systems — *January 2012 - June 2012*
- **Birla Institute of Technology and Science, Pilani** — Goa, India
  Teaching Assistant — *Aug 2012 - Dec 2012*
- **Indira Gandhi Centre for Atomic Research** — Kalpakkam, India
  Intern — *May 2010 - July 2010*

Patents

- "Influence Maximization Determination in a Social Network System", **Sharan Vaswani**, Branislav Kveton, Zheng Wen, Mohammad Ghavamzadeh. US Patent Application, filed in 2017.

Awards

- Top 30% of highest scoring reviewers for NIPS 2018.
- Travel award for AISTATS 2017, ICML 2017, 2018, NIPS 2017.
- Four Year Doctoral Fellowship awarded by the University of British Columbia.
- Merit Scholarship awarded by Birla Institute of Technology and Science, Pilani.

Service

- Conference reviewer for ICLR'17-'18, NIPS'17-'18, ICML'17 - '19, AISTATS'19, JMLR, IEEE TNNLS
- Conference volunteer for NIPS'16.
- Volunteer in the UBC Computer Science Graduate Admissions committee for 2016-2017, 2017-2018.
- Student representative in the UBC Computer Science Faculty Recruiting committee for 2015-2016.
- Conference sub-reviewer for SIGMOD'18, AAAI'17,'18, WWW'17, SDM'15,'17, KDD'16,'17, ICDM'14.