SHRAEY BHATIA

1. PERSONAL INFORMATION

Name: Shraey Bhatia
Nationality: Australian Citizen and Indian Resident (Overseas Citizen of Indian)
Email: shraeybhatia@gmail.com
Current Location: Melbourne, Australia

2. SUMMARY OF SKILLS:

- Research abilities developed from academic background in Natural Language Processing (NLP), Deep Learning, Machine Learning and Information Retrieval.
- Skilled Python Programmer and understanding of different Deep Learning Frameworks like Pytorch with other relevant tools like version control Git and handling of Unix-based systems.
- Good communication skills developed from conducting laboratory sessions, taking part in 3 minute thesis competition, NLP advisor and conducting Laboratory sessions for Bachelor/Master students.

3. QUALIFICATIONS:

- October 2017 – present
  Doctor of Philosophy (Computational Linguistics and Computer Science), The University of Melbourne under supervision of Timothy Baldwin and Jey Han Lau.
- February 2015 – July 2017
  Masters of Science (Computer Science) – First Class Honours, The University of Melbourne under supervision of Timothy Baldwin and Jey Han Lau.
  Thesis Title: Evaluation and Labelling in Topic Models

4. PUBLICATIONS:

- Bhatia, Shraey, Jey Han Lau and Timothy Baldwin (2018) **Topic Intrusion for Automatic Topic Model Evaluation**, In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP 2018)*, Brussels, Belgium, pp. 844—849.
- Bhatia, Shraey, Jey Han Lau and Timothy Baldwin (2017) **An Automatic Approach for Document-level Topic Model Evaluation**, In *Proceedings of the Twenty First Conference on Computational Natural Language Learning (CoNLL 2017)*, Vancouver, Canada, pp. 206—215.

- Bhatia, Shraey, Jey Han Lau and Timothy Baldwin (2016) **Automatic Labelling of Topics with Neural Embeddings**, In *Proceedings of the 26th International Conference on Computational Linguistics (COLING 2016)*, Osaka, Japan, 953–963

5. WORK EXPERIENCE:

- October 2017 – Present :

- February 2017 – June 2017: Demonstrator/Lab Sessions – Machine Learning. Conducted laboratory sessions for Bachelors and Masters students in *Machine Learning* at the University of Melbourne and demonstrated the use of Python and its frameworks for Machine learning algorithms, data cleaning and data plotting.

- March 2016 – November 2016: Research Intern at IBM Research, Melbourne. Worked on Topic Models and Neural Network based Embedding Models like Document Vectors, Word vectors and Contextual Vectors.

6. AWARDS AND GRANTS:

- Melbourne School of Engineering Studentship - October 2018, a A$30,000 per annum scholarship as part of my PhD

- Research Training Program Scholarship – October 2017, a A$26,000 per annum scholarship awarded as part of my PhD

- Australian Computer Society (ACS) Foundation – June 2016, a A$8,073 scholarship for a project in collaboration with IBM Research Australia

- Australian Computer Society (ACS) Foundation – February 2016, a A$14,175 scholarship for a project in collaboration with IBM Research Australia

7. LANGUAGE PROFICIENCY:

English and Hindi (Bilingual Native)