

## Sandeep B. Soni

CONTACT INFORMATION	1000 Northside Dr NW Unit 1553 Atlanta, GA 30318	678-702-3780 <a href="mailto:sandeepsoni@gatech.edu">sandeepsoni@gatech.edu</a>
RESEARCH INTERESTS	Computational Social Science, Applied Machine Learning, Data Science, Social Networks.	
EDUCATION	<b>Georgia Institute of Technology</b> , Atlanta, GA  Ph.D., Computer Science, <ul style="list-style-type: none"><li>• Advisor: Jacob Eisenstein</li></ul> M.S., Computer Science (Machine Learning), May 2014 <b>Pune Institute of Computer Technology</b> , Pune, India  B.E., Computer Engineering, June 2010	
INTERNSHIPS	<b>Research Intern</b>	May 2018 - Aug 2018
	Information Sciences Institute, USC Los Angeles, CA Mentor: Kristina Lerman	
	<b>Research Intern</b>	May 2017 - Aug 2017
	Max Plank Institute for Software Systems, Kaiserslautern, Germany Mentor: Manuel Gomez-Rodriguez	
	<b>Research Intern</b>	May 2016 - Aug 2016
	Microsoft Research, Redmond, WA Mentor: Justin Cranshaw	
	<b>Software Engineering Intern</b>	May 2013 - Aug 2013
		Yahoo!, Sunnyvale, CA Mentor: Donald Swanson and Pradhan Pattnayak
WORK EXPERIENCE	<b>Graduate Research Assistant</b>	Jan 2016 - present
		School of Interactive Computing, Georgia Institute of Technology Supervisor: Jacob Eisenstein
	<b>Graduate Teaching Assistant</b>	Aug 2015 - Dec 2015

School of Interactive Computing,  
Georgia Institute of Technology  
Course: CS 7650

**Software Development Engineer**

Jun 2014 - Jun 2015

Yahoo!,  
Sunnyvale, CA  
Manager: Pradhan Pattnayak

**Graduate Research Assistant**

Aug 2013 - May 2014

School of Interactive Computing  
Georgia Institute of Technology  
Supervisor: [Jacob Eisenstein](#) and [Eric Gilbert](#)

**Research Engineer**

Aug 2010 - Jul 2012

[Oneirix Labs](#),  
Pune, India

WORKING  
PAPERS

1. **Soni, S**, Ling Ramirez, S. and Eisenstein, J. (2019) “Discriminative Modeling of Social Influence for Prediction and Explanation in Event Cascades”
2. **Soni, S**, Lerman, K. and Eisenstein, J. (2019) “Quantifying Semantic Progressiveness of Documents“ (under review ACL, 2019)

CONFERENCE  
PAPERS

1. Cranshaw, J., Elwany, E., Newman, T., **Soni, S.**, Kocielnik, R., Yu, B., Teevan, J. and Hernandez, A.M. (2017) “Calendar.help: Designing a Workflow-Based Scheduling Agent with Humans in the Loop” . In *Proceedings of the CHI Conference on Human Factors in Computing Systems*, Denver. (Acceptance rate  $\leq 25$  %)
2. Goel, R., **Soni, S.**, Goyal, N., Paparrizos, J., Diaz, F., Wallach, H. and Eisenstein, J. (2016) “The Social Dynamics of Language Change in Online Networks” In *International Conference on Social Informatics*, Seattle. (Acceptance rate  $\leq 28$ %)
3. **Soni, S.**, Mitra, T., Gilbert, E. and Eisenstein, J. (2014). “Modeling Factuality Judgments in Social Media Text” In *Proceedings of Association of Computational Linguistics*, Baltimore (Acceptance rate  $\leq 30$  %)

WORKSHOP  
PAPERS

1. **Soni, S.**, Klein, L., Eisenstein, J. (2019) “Correcting Whitespace Errors in Digitized Historical Texts” in *Proceedings of the Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature. 2019*, Minneapolis USA.
2. **Soni, S.**, Ling Ramirez, S., Eisenstein, J. (2018) “Follow the money: Linking legislative co-sponsorship to a network of campaign donors” in *11th Annual Political Networks Conference and Workshops*, Washington DC USA.
3. Hohman, F., **Soni, S.**, Stewart, I., Stasko, J. (2017) “A Viz of Ice and Fire: An Interactive Visualization for Entertainment Videos” in *2nd Workshop on Visualization for the Digital Humanities*, Phoenix USA.

## SERVICE

- Student Volunteer: ACL' 14, NAACL' 19.
- Reviewer: ICWSM' 17, ICWSM' 18, EMNLP' 17, COLING' 17, ACL' 18, WWW' 19.

## AWARDS

- Travel awards: ACL' 14, Polnets' 18, KDD' 19.
- Google Summer of Code: 2010 and 2012.
- Winner of Best undergrad project, Bits Goa, India
- 2nd Runner up, Best undergrad project, IIT Kanpur, India.

## PRESENTATIONS

- Multivariate Hawkes Process to Model Spread of Lexical Innovations in a Network. at the *3rd Workshop on Computational Social Science, Atlanta, GA* Dec 2015
- Informational Determinants of Shaming Intensity: A Text Analytic Study of Human Rights Reporting at the *1st Workshop on Computational Social Science, Atlanta, GA* Nov 2013