# Niranjan Balasubramanian (Biographical Sketch)

### Research Interests

Information extraction, Question Answering, and Information Retrieval

### Professional Preparation

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| *University* | *Major* | *Degree* | *Year* |
| SASTRA University, India | Computer Science | B.Engg, CS | 2001 |
| University at Buffalo, State University of New York | Computer Science | MS | 2003 |
| University of Massachusetts Amherst | Computer Science | Ph.D. | 2011 |

### Appointments

1. 2014-Present. Research Assistant Professor, Stony Brook University
2. 2011-2014 Postdoctoral researcher, University of Washington.
3. 2006-2011. Research Assistant, Computer Science, University of Massachusetts Amherst.
4. Summer 2008, 2009. Research Intern, Microsoft Research.
5. 2003-2006. Research and Software Engineer, Center for Natural Language Processing, Syracuse University.

**Publications Relevant to this Proposal**

1. Balasubramanian N., Soderland S., Mausam, and Etzioni O., “[Generating Coherent Event Schemas at Scale](http://homes.cs.washington.edu/~niranjan/emnlp13.pdf)”, EMNLP 2013, Seattle, WA
2. Balasubramanian, N., Soderland, S., Mausam, Etzioni, O., “[Rel-grams: A Probabilistic Model of Relations in Text](https://akbcwekex2012.files.wordpress.com/2012/05/29_paper.pdf).”, AKBC-WEKEX 2012, Montreal CA.

### Other Significant Publications

1. Clark P., Harrison P., Balasubramanian N., “[A Study of the AKBC/Requirements for Passing an Elementary Science Test](http://openreview.net/file/60b5a8fa-357e-4346-a07d-ef653c81e055.pdf)”, AKBC-WEKEX workshop at CIKM 2013.
2. Balasubramanian, N., Kumaran, G., and Carvalho, V., “[Exploring Reductions for Long Web Queries](http://maroo.cs.umass.edu/pub/web/getpdf.php?id=916).”, [ACM SIGIR 2010](http://www.sigir2010.org/), Zurich, Switzerland.
3. Balasubramanian, N., and Cucerzan, S., “[Automatic Generation of Topic Pages using Query-based Aspect Models](http://ciir-publications.cs.umass.edu/pub/web/getpdf.php?id=867).”, A short paper in the Proceedings of the [ACM CIKM 2009](http://www.comp.polyu.edu.hk/conference/cikm2009/).
4. Balasubramanian, N., Balasubramanian, A., and Venkataramani, A., “[Energy Consumption in Mobile Phones: A Measurement Study and Implications for Network Applications](http://ciir-publications.cs.umass.edu/pub/web/getpdf.php?id=904).”,[ACM IMC 2009](http://conferences.sigcomm.org/imc/2009/).
5. Balasubramanian, A., Balasubramanian, N., Huston, Samuel., Metzler, Donald., “[FindAll: A Local Search Engine for Mobile Phones](http://homes.cs.washington.edu/~arunab/paper/findall.pdf).”, ACM CoNext 2012.

### Synergistic Activities

### Reviewing IR – SIGIR 2011, 2012-13 posters, WSDM 2011, CIKM 2012-13

### Reviewing NLP – EMNLP 2012-13, AAAI 2012-13, NAACL Student Research Workshop 2009

### Collaborators

### Oren Etzioni (AI2 and University of Washington), Stephen Soderland (University of Washington), Mausam (University of Washington), Peter Clark (AI2), Bruce Croft (University of Massachusetts), Arun Venkataramani (University of Massachusetts), Silviu Cucerzan (Microsoft Research), Vitor Carvalho (Microsoft), Giridhar Kumaran (Microsoft), David Wetherall (University of Washington), Donald Metzler (University of Southern California)

### Graduate Advisors

### James Allan, University of Massachusetts Amherst