

Gourab Kundu

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EDUCATION

University of Illinois at Urbana-Champaign (UIUC) <i>Ph.D. Candidate in Computer Science</i> Research Area: Machine Learning and Natural Language Processing	Expected: Jul 2014 GPA: 3.87
Bangladesh University of Engineering and Technology (BUET) <i>Bachelor of Science in Computer Science and Engineering</i>	Jul 2007 GPA: 3.99

WORK EXPERIENCE

Cognitive Computation Group, UIUC <i>Research Assistant</i>	Urbana, IL May 2009 - Present
<ul style="list-style-type: none">Developed methods that significantly reduced the time needed by language processing tools for solving a new problem by reusing the solutions of previously solved problems of similar structure (Java, H2 database)Developed methods for building domain independent statistical models for text analysis from labeled data of a single domain using linguistic knowledge bases (Java)Built an automatic recognition system of techniques and applications in scientific literature by bootstrapping from a seed list of techniques and applications that significantly improved the recognition rate over the state-of-the-art (Java)	
YouTube <i>Software Engineering Intern</i>	San Bruno, CA May 2012 - Aug 2012
<ul style="list-style-type: none">Built a system to automatically assign scores to comments posted in YouTube videos based on linguistic analysis of the comment text and popularity of the commentBuilt a system to score all comments posted in all YouTube videos using Google map/reduce frameworkBuilt a system to select a subset of the comments with the highest scores for display as the top comments for each YouTube video (C++, mapreduce)	
IBM T.J. Watson Research Center <i>Research Intern</i>	Yorktown Heights, NY Jun 2010 - Aug 2010
<ul style="list-style-type: none">Developed a method of improving the accuracy of Entity Mention Detection System using features derived from a Relation Recognition System (C++)	

COMPUTER SKILLS

C, C++, Java, C#, Python, Linux, Matlab, Oracle, SQL, ASP.net, L^AT_EX, mapreduce

HONORS & AWARDS

Received Best Student Paper Award for <i>Adapting Text instead of the Model : An Open Domain Approach</i> in CoNLL	Jun 2011
Received Sohaib and Sara Abbasi Fellowship for excellence in Graduate School	Aug 2008 - May 2009
Graduated with Rank 1st among 120 students in B.S.	Jun 2007
Achieved 6th Place in ACM International Collegiate Programming Contest, Dhaka Site	Sep 2005
Achieved 5th place in Inter-University Programming Contest, Dhaka University, Bangladesh	Mar 2005
Achieved Runner up in National Computer Programming Contest, Bangladesh	Dec 2004

SELECTED PUBLICATIONS

Chen-tse Tsai, Gourab Kundu , Dan Roth, <i>Concept-Based Analysis of Scientific Literature</i> , CIKM 2013
Gourab Kundu , Vivek Srikumar, Dan Roth, <i>Margin based Decomposed Amortized Inference</i> , ACL 2013
Gourab Kundu , Vivek Srikumar, Dan Roth, <i>On Amortizing Inference Cost for Structured Prediction</i> , EMNLP 2012
Gourab Kundu , Ming-wei Chang, Dan Roth, <i>Prior Knowledge Driven Domain Adaptation</i> , ICML Workshop on Combining Learning Strategies to Reduce Label Cost, Seattle, 2011
Gourab Kundu , Dan Roth, <i>Adapting Text instead of the Model : An Open Domain Approach</i> , CoNLL 2011
Gourab Kundu , Rajhans Samdhani, Dan Roth, <i>Constrained Conditional Models for Information Fusion</i> , International Conference on Information Fusion, Chicago, 2011