

# JIARONG JIANG

## CONTACT

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## EDUCATION

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CURRENT **Ph.D. student** in COMPUTER SCIENCE, **University of Maryland**, College Park, MD  
Advisor: Prof. Hal Daumé III

JUNE 2010 **Ph.D. student** in COMPUTER SCIENCE, **University of Utah**, Salt Lake City, UT  
Advisor: Prof. Hal Daumé III

JUNE 2008 **B.S. in MATHEMATICS**, **Fudan University**, Shanghai, China  
Second B.S. in COMPUTER SCIENCE  
Advisor: Prof. Xiangyang Xue, Prof. Yimin Wei

## RESEARCH INTERESTS

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MACHINE LEARNING    efficient approximate inference, graphical models,  
Bayesian methods, structured prediction, reinforcement learning.

NATURAL LANGUAGE PROCESSING    parsing, summarization.

## EXPERIENCE

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FALL 2009 **Research Assistant** at UNIVERSITY OF MARYLAND, COLLEGE PARK  
–Current    Current Projects: Learned dynamic prioritization for NLP problems, Learning in non-deterministic state spaces, Efficient and approximate inference on graphical models, Hierarchical summarization for user help documentations

SUMMER 2011 **Research Intern** at MACHINE LEARNING AND APPLIED STATISTICS, MICROSOFT RESEARCH, REDMOND  
Worked on research problems related to mining shopping patterns in IE click logs (manuscript in preparation).

SUMMER 2009 **Research Assistant** at UNIVERSITY OF UTAH, Salt Lake City  
– SUMMER 2010    Worked on research problems related to efficient approximate inference in graphical models.

FALL 2008 **Teaching Assistant** at UNIVERSITY OF UTAH, Salt Lake City  
– SPRING 2009    Discrete Structures, Scientific Computation.

APRIL 2007 **Undergraduate Research Assistant** at FUDAN UNIVERSITY, Shanghai  
– JUNE 2008    Worked on research problems related to smile recognition and POMDPs and autonomous developmental algorithms of robots.

## PUBLICATIONS

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CONFERENCE **Jiarong Jiang**, Adam Teichert, Hal Daumé III, Jason Eisner, *Learned Prioritization for Trading Off Accuracy and Speed*, under review by ACL 2012.

**Jiarong Jiang**, Piyush Rai, Hal Daumé III, *Message-Passing for Approximate MAP Inference with Latent Variables*, NIPS 2011.

