

Nam Nguyen

CONTACT INFORMATION

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RESEARCH INTERESTS

My general interest is machine learning, information retrieval, and data mining. My thesis work focus on integrating partially labeled information (information about the training data that does not completely revealed the true label of the data) into classification, regression, ranking, and clustering. I am also working on Meta Clustering: a method to generate multiple informative clusterings of the same data set and how to present the clustering results to the users.

Thesis Committee: Rich Caruana (rcaruana@microsoft.com), Thorsten Joachims (tj@cs.cornell.edu), Giles Hooker (giles.hooker@cornell.edu).

EDUCATION

Cornell University, Ithaca, New York USA

Ph.D. Candidate, Computer Science, Fall 2005 (expected graduation date: May 2010)

University of California, San Diego, San Diego, California USA

B.S., Computer Science, Spring, 2005. GPA: 3.95/4.00.

HONORS AND AWARDS

Olin Fellowship (Cornell University), 2005-2006

UC San Diego: graduated Summa Cum Laude, 2005

INDUSTRY EXPERIENCE

- Internship at Microsoft Research from May to August 2009 - I was working with Yang Song and Li-wei He to develop a vertical search engine recommendation system.
- Internship at Microsoft Research from September to December 2008 - I was working with Paul N. Bennett to develop a novel model for the hierarchical classification problem.
- Internship at AT&T Lab from May to August 2008 - I was working with Patrick Haffner to develop a text classification model utilizing keyword annotation.

ACADEMIC EXPERIENCE

Teaching Assistant:

- CS2110 - Computers and Programming.
- CS4720 - Foundations of Artificial Intelligence.
- CS4300 - Information Retrieval.

PUBLICATIONS

Nam Nguyen, Yang Song, Li-wei He, Scott Imig, and Robert Rounthwaite, **Searchable Web Sites Discovery and Recommendation**, In submission to WWW2010.

Paul Bennett and Nam Nguyen, **Refined Experts: Improving Classification in Large Taxonomies**, In Proceedings of the 32nd ACM SIGIR Conference (SIGIR09).

Nam Nguyen and Rich Caruana, **Classification with Partial Labels**, In Proceedings of the Fourteen ACM SIGKDD International Conference on Knowledge Discovery & Data Mining (KDD08).

Nam Nguyen and Rich Caruana, **Improving Classification with Pairwise Constraints: A Margin-based Approach**, In Proceedings of the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD08).

Nam Nguyen and Yunsong Guos, **Metric Learning: A Support Vector Approach**, In Proceedings of the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD08).

Nam Nguyen and Rich Caruana, **Consensus Clustering**, In Proceedings of the Sixth International Conference on Data Mining (ICDM07), October, 2007.

Nam Nguyen and Yunsong Guo, **Comparisons of Sequence Labeling Algorithms and Extensions**, In Proceedings of the International Conference on Machine Learning (ICML07), June 2007.

Rich Caruana, Mohamed Elhawary, Nam Nguyen, and Casey Smith, **Meta Clustering**, In Proceedings of the Sixth International Conference on Data Mining (ICDM06), December 2006.

Nam Nguyen and Garrison W. Cottrell, **Owls and Wading Birds: Generalization gradients in expertise**, In Proceedings of the 27th Annual Cognitive Science Conference, Italy, 2005.

PAPERS IN PREPARATION	Nam Nguyen and Yang Song and Li-wei He, Vertical Search Engine Recommendation. Nam Nguyen, Classification with Sparse Encoding Nam Nguyen, Partially Hierarchical Classification.
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COMPUTER SKILLS	<ul style="list-style-type: none">• Languages: C/C++, Java, Matlab, Perl, Python, ML.• Operating Systems: Unix/Linux, Windows, Mac OS.
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PERSONAL INFORMATION	Citizenship: Vietnam US Immigration Status: Permanent Resident (Green Card)
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