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• Computers, Ethics, and Public Policy: CS 181 (Win)
• Computers, Ethics, and Public Policy (WIM): CS 181W (Win)
• DISCUSSIONS IN TECH FOR GOOD: CS 53 (Spr)
• Geopolitical Ramifications of Technological Advances: CS 18SI (Spr)
• Programming Methodology: CS 106A, ENGR 70A (Aut)
• Teaching Computer Science: CS 198 (Aut, Win, Spr)

2017-18
• Additional Topics in Teaching Computer Science: CS 198B (Aut, Win, Spr)
• Discussion in Tech for Good: CS 53SI (Aut)
• Introduction to Probability for Computer Scientists: CS 109 (Spr)
• Programming Methodology: CS 106A, ENGR 70A (Aut)
• Teaching Computer Science: CS 198 (Aut, Win, Spr)

2016-17
• Additional Topics in Teaching Computer Science: CS 198B (Aut, Win, Spr)
• Introduction to Probability for Computer Scientists: CS 109 (Win)
• Programming Methodology: CS 106A, ENGR 70A (Aut)
• Teaching Computer Science: CS 198 (Aut, Win, Spr)

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• Additional Topics in Teaching Computer Science: CS 198B (Win, Spr)
• Computational Decision Making: CS 29N (Spr)
• Introduction to Probability for Computer Scientists: CS 109 (Win)
• Programming Methodology: CS 106A, ENGR 70A (Aut)
• Teaching Computer Science: CS 198 (Aut, Win, Spr)

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Publications

PUBLICATIONS
• Programming Pluralism: Using Learning Analytics to Detect Patterns in the Learning of Computer Programming JOURNAL OF THE LEARNING SCIENCES
  Blikstein, P., Worsley, M., Piech, C., Sahami, M., Cooper, S., Koller, D.
  2014; 23 (4): 561-599
• Reflections on Stanford's MOOCs COMMUNICATIONS OF THE ACM
  Cooper, S., Sahami, M.
  2013; 56 (2): 28-30
• Special Session: The CS2013 Computer Science Curriculum Guidelines Project 43rd Annual Frontiers in Education Conference (FIE)
  Roach, S., Sahami, M., LeBlanc, R., Seker, R.
  IEEE 2013
• The 'Big Tent' of Computer Science: Curricula for the Coming Decade. Journal of Computing Sciences in Colleges
Sahami, M.
2012; 27 (4)

- **Computer Science: Update on the Strawman Report from the ACM/IEEE-CS Task Force.**
  Sahami, M., Roach, S., Cuadros-Vargas, E., Reed, D.
  2012

- **Special Session -- The CS2013 Computer Science Curriculum Guidelines Project.**
  Roach, S., Sahami, M., LeBlanc, R.
  2012

- **EAAI-10: The First Symposium on Educational Advances in Artificial Intelligence**
  AI MAGAZINE
  desJardins, M., Sahami, M., Wagstaff, K.
  2011; 32 (1): 91-92

- **Computer Science Curriculum 2013: Reviewing the Strawman Report from the ACM/IEEE-CS Task Force**
  43rd ACM Technical Symposium on Computer Science Education (SIGCSE 2012)
  Sahami, M., Roach, S., Cuadros-Vargas, E., Reed, D.
  ASSOC COMPUTING MACHINERY.2011: 3–4

- **Setting the Stage for Computing Curricula 2013: Computer Science - Report from the ACM/IEEE-CS Joint Task Force**
  42nd ACM Technical Symposium on Computer Science Education
  Sahami, M., Guldial, M., McGettrick, A., Roach, S.
  ASSOC COMPUTING MACHINERY.2011: 161–162

- **Modeling How Students Learn to Program**
  43rd ACM Technical Symposium on Computer Science Education (SIGCSE 2012)
  Piech, C., Sahami, M., Koller, D., Cooper, S., Blikstein, P.
  ASSOC COMPUTING MACHINERY.2011: 153–158

- **Special Session - The CS2013 Computer Science Curriculum Guidelines Project**
  41st Annual Frontiers in Education Conference (FIE)
  Sahami, M., Roach, S., LeBlanc, R.
  IEEE.2011

- **A Course on Probability Theory for Computer Scientists**
  42nd ACM Technical Symposium on Computer Science Education
  Sahami, M.
  ASSOC COMPUTING MACHINERY.2011: 263–268

- **Educational Advances in Artificial Intelligence**
  42nd ACM Technical Symposium on Computer Science Education
  Sahami, M., desJardins, M., Dodds, Z., Neller, T.
  ASSOC COMPUTING MACHINERY.2011: 81–82

- **Expanding the Frontiers of Computer Science: Designing a Curriculum to Reflect a Diverse Field**
  41st ACM Technical Symposium on Computer Science Education
  Sahami, M., Aiken, A., Zelenski, J.
  ASSOC COMPUTING MACHINERY.2010: 47–51

- **Nifty assignments.**
  Parlante, N., Murtagh, T., P., Sahami, M., Astrachan, O., L., Reed, D., Stone, C., A.
  2009

- **Reports of the AAAI 2008 Spring Symposia**
  AI MAGAZINE
  2008; 29 (3): 107-115

- **Google TV search: dual-wielding search and discovery in a large-scale product.**
  Patel, M., Gossweiler, R., Sahami, M., Blackburn, J., Brown, D., Knight, A.
  2008

- **A Web-based Kernel Function for Measuring the Similarity of Short Text Snippets.**
  Sahami, M., Heilman, T., D.
2006

- **Combinatorial Markov Random Fields.**
  Bekkerman, R., Sahami, M., Learned-Miller, E.
  2006

- **Semi-supervised Clustering using Combinatorial MRFs.**
  Bekkerman, R., Sahami, M.
  2006

- **Mining the Web to Determine Similarity Between Words, Objects, and Communities.**
  Sahami, M.
  2006

- **Scaling Computer Science Education to Education on Scaling in Computer Science.** *White Paper presented at Workshop on Integrative Computing Education & Research (ICER): Preparing IT Graduates for 2010 and Beyond*
  Sahami, M.
  2006

- **Evaluating Similarity Measures: A Large-Scale Study in the Orkut Social Network.**
  Spertus, E., Sahami, M., Buyukkokten, O.
  2005

- **Adaptive Product Normalization: Using Online Learning for Record Linkage in Comparison Shopping.**
  Bilenko, M., Basu, S., Sahami, M.
  2005

- **Efficient Face Orientation Discrimination.**
  Baluja, S., Sahami, M., Rowley, H.
  2004

- **The Happy Searcher: Challenges in Web Information Retrieval.**
  Sahami, M., Mittal, V., Baluja, S., Rowley, H.
  2004

- **QProber: A system for automatic classification of hidden-Web databases** *ACM TRANSACTIONS ON INFORMATION SYSTEMS*
  Gravano, L., Ipeirotis, P. G., Sahami, M.
  2003; 21 (1): 1-41

- **Query- vs. Crawling-based Classification of Searchable Web Databases.** *In IEEE Data Engineering Bulletin*
  Gravano, L., Ipeirotis, P., Sahami, M.
  2002; 1 (25)

- **Probe, count, and classify: Categorizing hidden-web databases** *ACM SIGMOD International Conference on Management of Data*
  Ipeirotis, P. G., Gravano, L., Sahami, M.
  ASSOC COMPUTING MACHINERY.2001: 67–78

- **PERSIVAL: Categorizing Hidden-Web Resources.**
  Ipeirotis, P., Gravano, L., Sahami, M.
  2001

- **Automatic Classification of Text Databases Through Query Probing.**
  Ipeirotis, P., Gravano, L., Sahami, M.
  2000

- **Integrating Data Mining into Vertical Solutions.** *In SIGKDD Explorations*
  Kohavi, R., Sahami, M.
  2000; 2 (1): 55-58

  Sahami, M., Dumais, S., Heckerman, D., Horvitz, E.
1998

- **SONIA: A Service for Organizing Networked Information Autonomously.**
  Sahami, M., Yusufali, S., Baldonado, M., W.Q.
  1998

- **Inductive learning algorithms and representations for text categorization.**
  Dumais, S., T., Platt, J., Heckerman, D., Sahami, M.
  1998

  Goldszmidt, M., Sahami, M.
  1998

- **Lazy acquisition of place knowledge** *ARTIFICIAL INTELLIGENCE REVIEW*
  Langley, P., Pfleger, K., Sahami, M.
  1997; 11 (1-5): 315-342

- **Hierarchically Classifying Documents Using Very Few Words.**
  Koller, D., Sahami, M.
  1997

- **Real-time Full-text Clustering of Networked Documents (Abstract).**
  Sahami, M., Yusufali, S., Baldonado, M., W.Q.
  1997

- **Applications of Machine Learning to Information Access.**
  Sahami, M.
  1997

1996

- **Generating neural networks through the induction of threshold logic unit trees** *ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE*
  Sahami, M.
  1996; 9 (2): 129-136

- **Applying the Multiple Cause Mixture Model to Text Categorization.**
  Sahami, M., Hearst, M., Saund, E.
  1996

- **Toward Optimal Feature Selection.**
  Koller, D., Sahami, M.
  1996

- **Learning Limited Dependence Bayesian Classifiers.**
  Sahami, M.
  1996

- **Error-Based and Entropy-Based Discretization of Continuous Features.**
  Kohavi, R., Sahami, M.
  1996

- **Generating neural networks through the induction of threshold logic unit trees** *8th European Conference on Machine Learning*
  Sahami, M.
  SPINGER-VERLAG BERLIN, 1995: 339–342

- **Generating Neural Networks Through the Induction of Threshold Logic Unit Trees (Extended Abstract).**
  Sahami, M.
  1995

- **Supervised and Unsupervised Discretization of Continuous Features.**
  Dougherty, J., Kohavi, R., Sahami, M.
1995

- **Learning classification rules using lattices** *8th European Conference on Machine Learning*
  Sahami, M.
  SPRINGER-VERLAG BERLIN.1995: 343–346

- **LEARNING NONLINEARLY SEPARABLE BOOLEAN FUNCTIONS WITH LINEAR THRESHOLD UNIT TREES AND MADALINE-STYLE NETWORKS** *11th National Conference on Artificial Intelligence (AAAI-93)*
  Sahami, M.
  M I T PRESS.1993: 335–341