

EDUCATION

PhD, Language Technologies
Advisor: Jamie Callan
Language Technologies Institute
School of Computer Science
Carnegie Mellon University
GPA: 3.76/4.00
Expected: May 2010

MS, Language Technologies
Advisor: Carolyn Rosé
Language Technologies Institute
School of Computer Science
Carnegie Mellon University
GPA: 3.82/4.00
Completed: August 2006

MS, Information Systems
Masters of Information Systems Management
Carnegie Mellon University
GPA: 3.74/4.00
Completed: December 2004

BS, Electrical Engineering
Minor, Economics
Washington University in St. Louis, MO
GPA: 3.01/4.00
Completed: December 2000

RESEARCH INTERESTS

My research interests are information retrieval (IR), text mining (TM), and natural language processing (NLP). My text mining research uses information extraction to recognize stakeholders and evidence citation in email sent by the public to US regulatory agencies. My research on RSS feed (blog) recommendation studies the use of Wikipedia-based query expansion to improve accuracy.

PUBLICATIONS

2008

- [IR] Jonathan Elsas, Jaime Arguello, Jamie Callan, and Jaime Carbonell. (Under review.) "Retrieval and Feedback Models for Blog Feed Search." Submitted for review to the *Thirty-first Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*. [Full Paper]
- [TM] Jaime Arguello and Jamie Callan. (To appear.) "Recognizing Citations in Public Comments." In John Wilkerson and Claire Cardie, editors, *Special Issue on Text Annotation for Political Science of the Journal of Information Technology and Politics*. [Journal Paper]
- [IR] Jaime Arguello, Jonathan Elsas, Jamie Callan and Jaime Carbonell. (To appear.) "Retrieval and Feedback Models for Blog Recommendation." In *Proceedings of the Second International Conference in Weblogs and Social Media*. [Full Paper]
- [IR] Jonathan Elsas, Jaime Arguello, Jamie Callan, and Jaime Carbonell. (To appear.) "Retrieval and Feedback Models for Blog Distillation." In *Proceedings of the 2007 TREC Conference (TREC 2007)*. National Institute of Standards and Technology, special publication.

2007

- [TM] Jaime Arguello and Jamie Callan. (2007.) "Stakeholder Identification in Public Comment Corpora." In *Proceedings of the Seventh Annual International Conference in Digital Government Research*. Philadelphia, PA. [Full Paper]

2006

- [NLP] Jaime Arguello and Carolyn Rosé. (2006.) "Museli: A Multi-source Evidence Integration Approach to Topic-Segmentation of Dialogue." In *Proceedings of the HLT-NAACL 2006 Conference*. New York, NY. [Short Paper]

- [NLP] Jaime Arguello and Carolyn Rosé. (2006.) "Topic Segmentation of Dialogue." In *Proceedings of the HLT-NAACL 2006 Workshop on Analyzing Conversations in Text and Speech*. New York, NY. [Workshop Paper]
- [TM] Jaime Arguello and Carolyn Rosé. (2006.) "InfoMagnets: Making Sense of Corpus Data." In *Proceedings of the HLT-NAACL 2006 Conference*. New York, NY. [In Interactive Demo Session and Plenary Session]
- [NLP] Jaime Arguello, Brian Butler, Lisa Joyce, Robert Kraut, Kimberly Ling, Carolyn Rosé, and Xiaoqing Wang. (2006.) "Talk to Me: Foundations of Successful Individual-Group Interactions in Online Communities." In *Proceedings of the Computer/Human Interaction CHI 2006 Conference*. Montreal, Quebec, Canada. [Full Paper]

2005

- [NLP] Gahgene Gweon, Jaime Arguello, Carol Pai, Regan Carey, Zachary Zaiss, and Carolyn, Rosé. (2005.) "Towards a Prototyping Tool for Behavior Oriented Authoring of Conversational Agents for Educational Applications." In *Proceedings of the ACL 2005 Second Workshop for Building Educational Applications using NLP*. Ann Arbor, MI. [Workshop Paper]
- [NLP] Carolyn Rosé, Carol Pai, and Jaime Arguello. (2005.) "Enabling Non-linguists to Author Advanced Conversational interfaces Easily." In *Proceedings of the Eighteenth International FLAIRS Conference*. Clear Water Beach, FL. [Full Paper]

PRE-GRADUATE SCHOOL EMPLOYMENT

- Research Analyst Idea Foundry Pittsburgh, PA May 2004 - August 2004
Non-profit business incubator that assists Pittsburgh-area startups position themselves for second-round funding
Conducted competitive analyses, reviewed business plans, produced a white paper on Federal and State regulations for marketing a product, and assisted in plans for product positioning and evolution.
- Software Engineer Infosys Technologies Chicago, IL January 2001 - August 2003
India-based information technology (IT) outsourcing company
Collaborated in various phases of software development life-cycle: requirements gathering, design, implementation, testing, and technical support. Worked extensively with local clients as point of communication between clients' tech division and off-shore development teams in India.
- Engineering Intern Siemens Building Automation St. Louis, MO January 1999 - August 1999
Designed and conducted installations of building-management networks (security, temperature control, and lighting automation). Trained personnel and clients in a wide suite of products.

CURRENT ACTIVITIES

- Session Chair; Student Session; 9th Annual International Conference in Digital Government Research (DG.O 2008) August 2007 - Present
- Co-organizer; Information Retrieval Seminar Series; Language Technologies Institute; Carnegie Mellon University January 2007 - Present
- Partner/Non-profit Volunteer (Awarded Reckers Fellowship); Pittsburgh Social Venture Partners (PSVP); Pittsburgh, PA August 2007 - Present

References promptly furnished upon request.