

Jun (James) Miao

CONTACT INFORMATION

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RESEARCH INTERESTS

My primary research interest is Information Retrieval, and I am also interested in Data Mining, Natural Language Processing and Medical/Health Informatics.

EDUCATION

York University, Toronto, Ontario Canada

Ph.D. Candidate, Computer Science, Start From September 2009
(expected graduation date: June 2014)

- Advisor: Prof.Jimmy Huang

Wuhan University, Wuhan City, Hubei Province P.R.China

M.S., Computer Science, June, 2004

B.S., Computer Science, June, 2001

HONORS AND AWARDS

Ontario International Ph.D. Fellowships, 2009 - present

York University International Tuition Fee Scholarship 2009 - present

Student Travel Grant of ACM SIGIR, 2012

CONFERENCE PAPERS

Ye, Z., Huang, X. J. and **Miao, J.** "A Hybrid Model for Adhoc Information Retrieval", Proceedings of the 35th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR'12), Portland, Oregon, August 12-16, 2012.

Miao, J., Huang, X. J. and Ye, Z. "Proximity-based Rocchio's Model for Pseudo Relevance Feedback", Proceedings of the 35th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR'12), Portland, Oregon, August 12-16, 2012.

Daoud, M., Kasperowicz, D., **Miao, J.**, and Huang, J. "York University at TREC 2011: Medical Records Track" in the Proceedings of the 2011 Text REtrieval Conference (TREC 2011), Gaithersburg, MD USA, 2012, pp. 840-848

Hu, Q., Huang, X. and **Miao, J.** "Exploring a Multi-Source Fusion Approach for Genomics Information Retrieval", Proceedings of the 2010 IEEE International Conference on Bioinformatics & Biomedicine, Hong Kong, China, December 18-21, 2010

Miao, J., Huang, X. J. and Hu, Q. "York University at TRECVID 2010: Video Retrieval Evaluation", Proceedings of 2010 TRECVID Evaluation (TRECVID 2010), NIST Special Publication, Gaithersburg, MD, USA, November 15-17, 2010
Miao, J., Huang, X. J. and Hu, Q. "York University at TRECVID 2010: Video Retrieval Evaluation", Proceedings of 2010 TRECVID Evaluation (TRECVID 2010), NIST Special Publication, Gaithersburg, MD, USA, November 15-17, 2010

Miao, J., Kang, L.S. "Quick hybrid-genetic algorithm used to solve permutation flowshop sequencing problem", COMPUTER ENGINEERING AND DESIGN 2004 Vol.25 No.9 P.1555-1556,1559

JOURNAL PAPERS Huang, X., **Miao, J.**, and He, B. High Performance Query Expansion Using Adaptive Co-training. (provisionally accepted by Information Processing & Management)

Hu, Q., Huang, X. J. and **Miao, J.** "A Robust Approach to Optimizing Multi-Source Information for Enhancing Genomics Retrieval Performance", accepted by BMC Bioinformatics. January 2011. ISSN: 1471-2105.

ACADEMIC SERVICES • Invited reviewer for the Knowledge and Information Systems (KAIS)
• Program committee member for the 21st international ACM Conference on Information and Knowledge Management (CIKM'12).
• Program committee member for the 21st international ACM Conference on Information and Knowledge Management (CIKM'12 Poster Program)
• Program committee member for the 2012 IEEE/WIC/ACM International Conference on Web Intelligence (WI' 2012)
• Program committee member for the 2012 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT' 2012)
• Invited reviewer for the the 2012 Joint Conference on Digital Libraries (JCDL'12)
• Program committee member for the 20th international ACM Conference on Information and Knowledge Management (CIKM'11)
• Program committee member for the 2011 IEEE/WIC/ACM International Conference on Web Intelligence (WI' 2011)
• Program committee member for the 2011 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT' 2011)
• Webmaster for the 19th international ACM Conference on Information and Knowledge Management (CIKM'10)
• Local arrangement chair and webmaster for the 2010 IEEE/WIC/ACM International Conference on Web Intelligence (WI' 2010)
• Local arrangement chair and webmaster for the 2010 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT' 2010)

TEACHING
EXPERIENCE **2011-2012:**
• CSE 1520 Computer Use: Fundamentals, 2012 Summer
• CSE 1030 Introduction to Computer Science II, 2011 Winter

2010-2011:
• ITEC 1000 Introduction to Information Technologies
• CSE 2011 Fundamentals of Data Structures (two terms)
• CSE 3403 Platform Computing

2009-2010:
• CSE 1020 Introduction to Computer Science I
• CSE 1030 Introduction to Computer Science II
• ITEC 1000 Introduction to Information Technologies
• CSE 2011 Fundamentals of Data Structures

PROFESSIONAL
EXPERIENCE **Harbour Networks Ltd. Co,** Beijing, P.R.China
Test Manager **November,2007 - October,2008**
Design and implement test cases, replicate severe problems and establishing test environments to simulate actual situations, manage the wireless group, assign tasks to group members and evaluate their work progress.

Greenet Information Service Co. Ltd, Wuhan, Hubei Province, P.R.China

Software Engineer

October, 2006 - June, 2007

Design the SmartDNS system to control DNS traffics, develop the NM (Network management) module for an Internet traffic analysis system by using C language, standardize the document templates.

Harbour Networks Ltd. Co, Beijing, P.R.China

Test Engineer

June, 2004 - August, 2006

Design and implement test cases, maintain released OS versions, replicate severe problems and establish test environments to simulate actual situations, response for NEC project, Sagem project and Siemens project (NEC, Sagem and Siemens were cooperative enterprises of Harbournetworks Ltd. who sold OEM products of the latter, and travel on business for crisis situations in market or evaluation tests).

- COMPUTER SKILLS
- Statistical Packages: Some experience with Matlab and R.
 - Languages: Java, some experience with Python, shell scripts, C, HTML and CSS.
 - Networking: Operations on wired and wireless network devices, popular route protocols
 - Operating Systems: Linux, Windows.