

**YONGZHENG ZHANG**  
**CURRICULUM VITAE**

November 15, 2007

**1. PERSONAL INFORMATION**

Name: Yongzheng Zhang  
E-mail: [yongzhen@cs.dal.ca](mailto:yongzhen@cs.dal.ca)  
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**2. ACADEMIC CREDENTIALS**

- Ph.D. Faculty of Computer Science, Dalhousie University, Halifax, NS, Canada.  
Thesis: A Framework for Summarization of Multi-topic Web Sites  
Advisors: Dr. Evangelos Milios and Dr. Nur Zincir-Heywood.  
Date: October 2007  
GPA: 4.15/4.3
- M.S. Faculty of Computer Science, Dalhousie University, Halifax, NS, Canada.  
Thesis: World Wide Web Site Summarization.  
Advisors: Dr. Evangelos Milios and Dr. Nur Zincir-Heywood.  
Date: May 2002  
GPA: 4.05/4.3
- B.E. Department of Computer Science and Engineering, Southeast University, China.  
Thesis: Southeast University Employment Information System.  
Advisor: Professor Yajun Liu.  
Date: July 1997  
GPA: 85/100

**3. EMPLOYMENT HISTORY**

- 5/06 - present Senior Research Scientist,  
eBay Research Labs, eBay Inc., San Jose, CA, USA.  
Projects: Shopping-related Page Classification.  
Concept Extraction from Product Web Pages.  
Product Matching in Shopping-related Pages.  
Category Auto-tagging in Sell Your Item.  
Manager: Neel Sundaresan.
- 6/05 - 9/05 Summer Intern,  
Search Relevance Team, Yahoo! Inc., Sunnyvale, CA, USA.  
Project: Wikipedia-based Query Expansion Engine.  
Manager: Nawaaz Ahmed.
- 5/02 - 4/06 Research Assistant,  
Faculty of Computer Science, Dalhousie University, Halifax, NS, Canada.  
Projects: Term-based Clustering and Summarization of Web Sites.  
Comparing Key Phrase Extraction Methods in Web Site Summarization.  
Advisors: Dr. Evangelos Milios and Dr. Nur Zincir-Heywood.

- 9/01 - 8/03 Teaching Assistant,  
Faculty of Computer Science, Dalhousie University, Halifax, NS, Canada.  
CSCI1100 Computer Science I: summer 2002, fall 2002.  
CSCI1101 Computer Science II: summer 2002, winter 2003, summer 2003.  
CSCI1200 Microcomputer Application: fall 2001.  
CSCI1204 Computer Techniques for Health and Life Sciences: winter 2002.  
CSCI3150 Artificial Intelligence: fall 2002.  
CSCI6507 Artificial Neural Networks: summer 2003.
- 8/99 - 7/00 Software Engineer,  
Ricom Information and Telecommunications Co. Ltd., Nanjing, China.  
Project: Customer Service System for China Industrial and Commercial Bank, Wuxi Branch.
- 8/97 - 7/99 Instructor and Undergraduate Advisor,  
Department of Computer Science and Engineering, Southeast University, China.  
Fundamentals of Microcomputer Applications: fall 1997, fall 1998.  
Operating Systems: fall 1998.

## 4. PUBLICATIONS

### 4a. Refereed Journal Articles

- Yongzheng Zhang, Evangelos Milios, and Nur Zincir-Heywood. A Comparative Study on Key Phrase Extraction Methods in Automatic Web Site Summarization. *Journal of Digital Information Management, Special Issue on Web Information Retrieval*, 5(5), pages 323-332, October 2007.
- Wangzhong Lu, Jeannette Janssen, Evangelos Milios, Nathalie Japkowicz, and Yongzheng Zhang. Node Similarity in the Citation Graph. *Knowledge and Information Systems: An International Journal*, 11(1), pages 105-129, April 22, 2006. Available at <http://dx.doi.org/10.1007/s10115-006-0023-9>, last visited on February 12, 2007.
- Yongzheng Zhang, Nur Zincir-Heywood, and Evangelos Milios. World Wide Web Site Summarization. *Web Intelligence and Agent Systems: An International Journal*, 2(1), pages 39-53, June 2004.

### 4b. Refereed Conference/Workshop Articles

- Yongzheng Zhang, Nur Zincir-Heywood, and Evangelos Milios. Narrative Text Classification for Automatic Key Phrase Extraction in Web Document Corpora. In *Proceedings of the Seventh ACM International Workshop on Web Information and Data Management (WIDM'05)*, Bremen, Germany, November 5, 2005.
- Yongzheng Zhang, Evangelos Milios, and Nur Zincir-Heywood. A Comparison of Keyword- and Keyterm-based Methods for Automatic Web Site Summarization. In *Technical Report WS-04-01, Papers from the AAAI'04 Workshop on Adaptive Text Extraction and Mining*, pages 15-20, San Jose, CA, USA, July 26, 2004.
- Yongzheng Zhang, Nur Zincir-Heywood, and Evangelos Milios. Term-based Clustering and Summarization of Web Page Collections. In *Proceedings of the Seventeenth Conference of the Canadian Society for Computational Studies of Intelligence (AI'04)*, pages 60-74, London, ON, Canada, May 17-19, 2004.
- Evangelos Milios, Yongzheng Zhang, Bin He, and Li Dong. Automatic Term Extraction and Document Similarity in Special Text Corpora. In *Proceedings of the Sixth Conference of the Pacific Association for Computational Linguistics (PACLing'03)*, pages 275-284, Halifax, Nova Scotia, Canada, August 22-25, 2003.
- Yongzheng Zhang, Nur Zincir-Heywood, and Evangelos Milios. Summarizing Web Sites Automatically. In *Proceedings of the Sixteenth Conference of the Canadian Society for Computational Studies of Intelligence (AI'03)*, pages 283-296, Halifax, Nova Scotia, Canada, June 11-13, 2003. Best Paper Award.

### 4c. Other Conference Contributions

- Yongzheng Zhang, Evangelos Milios, and Nur Zincir-Heywood. A Framework for Summarizing Multi-topic Web Sites. In the Sixteenth Annual Canadian Conference on Intelligent Systems (IS'06 Poster Challenge), Victoria, BC, Canada, May 31 - June 2, 2006.

- Yongzheng Zhang. Topic Hierarchy Construction for Web Site Summarization. In *Proceedings of the 28th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR'05 Doctoral Consortium)*, page 687, Salvador, Brazil, August 15, 2005.
- Yongzheng Zhang, Nur Zincir-Heywood, and Evangelos Milios. World Wide Web Site Summarization. In *MITACS Atlantic Canada Interchange'03*, poster, Halifax, NS, Canada, March 24, 2003.

#### 4d. Technical Reports

- Yongzheng Zhang, Evangelos Milios, and Nur Zincir-Heywood. A Comparison of Keyword- and Keyterm-based Methods for Automatic Web Site Summarization. Technical Report CS-2004-11, Faculty of Computer Science, Dalhousie University, October 2, 2004.
- Yongzheng Zhang, Nur Zincir-Heywood, and Evangelos Milios. World Wide Web Site Summarization. Technical Report CS-2002-08, Faculty of Computer Science, Dalhousie University, October 2002.

#### 5. HONORS AND AWARDS

- Precarn Inc. Scholarship 2006, Halifax, NS, Canada, November 2005.
- Best Paper Award at the Sixteenth Canadian Conference on Artificial Intelligence (AI'03), Halifax, NS, Canada, June 2003.
- Scholarship of Faculty of Graduate Studies, Dalhousie University, Halifax, NS, Canada, May 2001 - August 2006.
- Outstanding Student Award in Jiangsu Province, Nanjing, Jiangsu, China, May 1996.

#### 6. REFERENCES

Available upon request