Yang Li

Contact Information

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Academic Experience

Sep 2010-Jun 2015   Ph.D. in Computer Science   (*Overall GPA: 3.98 / 4.00*)
Dept. of Computer Science, University of California Santa Barbara (UCSB), CA, USA
Research Areas: Text Mining, Natural Language Processing, Artificial Intelligence

Sep 2006-Jul 2010   B.E. in Computer Science
Dept. of Computer Science, Zhejiang University (ZJU), Hangzhou, China
Overall GPA: 3.89 / 4.00   *Major GPA: 4.00 / 4.00*   *Rank: 2 / 131*

Research Experience

Sep 2010-Jun 2015   Research Assistant   Advisor: Prof. Xifeng Yan
Knowledge Graph Construction from Noisy Text Data
Data Mining & Database Group, Computer Science Department, UCSB
• Studied how to mine evidences to boost the performance of Named Entity Disambiguation
• Investigated the problem of Entity Disambiguation for Linkless Knowledge Bases
• Designed efficient algorithms to construct high-quality knowledge graph from noisy text

Jan 2015-Apr 2015   Research Intern   Advisor: Dr. Peter Clark
Elementary Science Question Answering
Aristo Team, Allen Institute for Artificial Intelligence (AI2)
• Proposed a graph-based algorithm for answering elementary science questions
• Developed an elementary science question solver with state-of-the-art performance

Jun 2014-Sep 2014   Research Intern   Advisor: Dr. Bo Zhao, Dr. Ariel Fuxman
Acronym Disambiguation for Enterprises
Interaction and Intent Group, Microsoft Research at Silicon Valley
• Proposed a novel, end-to-end framework for Acronym Disambiguation
• Developed a high-quality Acronym Disambiguation system for Microsoft

Publications

[1] **Yang Li**, Bo Zhao, Ariel Fuxman and Fangbo Tao, "**Guess Me If You Can: Acronym Disambiguation for Enterprises**", in *Proc. of the 56th Annual Meeting of the Association for Computational Linguistics* (***ACL'2018***)

[2] Furong Li, Luna Dong, Anno Langen and **Yang Li**, **"Knowledge Verification for Long-tail Verticals"**, in *Proc. of the 43th International Conference on Very Large Databases* (***VLDB'2017***)

[3] **Yang Li**, Shulong Tan, Huan Sun, Jiawei Han, Dan Roth and Xifeng Yan, "**Entity Disambiguation with Linkless Knowledge Bases**", in *Proc. of the 25th International World Wide Web Conference* (***WWW'2016***)

[4] **Yang Li**, Peter Clark, "**Answering Elementary Science Questions by Constructing Coherent Scenes Using Background Knowledge**", in *Proc. of the 2015 Conference on Empirical Methods in Natural Language Processing* (***EMNLP'2015***)

[5] Fangbo Tao, Bo Zhao, Ariel Fuxman, **Yang Li**, Jiawei Han, "**Leveraging Pattern Semantics for Extracting Entities in Enterprises**", in *Proc. of the 24th International World Wide Web Conference* (**WWW'2015**)

[6] Huan Sun, Mudhakar Srivatsa, Shulong Tan, **Yang Li**, Lance Kaplan, Shu Tao, Xifeng Yan, "**Analyzing Expert Behaviors in Collaborative Networks**", in *Proc. of the 20th SIGKDD Conference on Knowledge Discovery and Data Mining* (**KDD'2014**)

[7] Shulong Tan, **Yang Li**, Huan Sun, Ziyu Guan, Xifeng Yan, Jiajun Bu, Chun Chen, Xiaofei He, "**Interpreting the Public Sentiment Variations on Twitter**", in *Transactions on Knowledge and Data Engineering* (**TKDE'2013**)

[8] Yang Li, Chi Wang, Fangqiu Han, Jiawei Han, Dan Roth, Xifeng Yan, "**Mining Evidences for Named Entity Disambiguation**", in *Proc. of the 19th SIGKDD Conference on Knowledge Discovery and Data Mining* (**KDD'2013**)

[9] Yang Li, Pegah Kamousi, Fangqiu Han, Shengqi Yang, Xifeng Yan, Subhash Suri, "**Memory Efficient Minimum Substring Partitioning**", in *Proc. of the 39th International Conference on Very Large Databases* (**VLDB'2013**)

WORK EXPERIENCE

Aug 2015-Present	Senior Software Engineer, Google Inc.
Jan 2015-Apr 2015	Research Intern, Allen Institute for Artificial Intelligence (AI2)
Jun 2014-Sep 2014	Research Intern, Interaction and Intent Group, Microsoft Research
Jun 2013-Sep 2013	Research Intern, iAd Team, Apple Inc.
Sep 2010-Sep 2011	Teaching Assistant, Department of Computer Science, UCSB
Dec 2009-Apr 2010	Research and Software Develop Intern, Text-to-Speech Team, Microsoft (China)

PROFESSIONAL SERVICES

Program Committee:	CIKM 2015, SIGMOD 2017, CIKM 2017, KDD 2018, CIKM 2018
Journal Reviewer:	TKDE 2015, TWEB 2016
External Reviewer:	CIKM 2012, ICDM 2012, ICDM 2013, WAIM 2013, VLDB 2016

AWARDS AND HONORS

Ph.D. Progress Award in CS Dept. of UCSB, 2014
VLDB Travel Fellowship Award, 2013
Citrix Go-To Fellowship Award, 2010-2012
Outstanding Graduates (5% in ZJU), 2010
He Zhijun Scholarship (The most distinguished award in CS Dept. of ZJU), 2009
Tencent Technology Scholarship for Excellence, 2009
Cross-disciplinary Scholarship in Science and Technology (Awarded by UCLA), 2009
First Prize of Excellent Undergraduate Scholarship (3% in ZJU), 2007-2009
The Title of Excellent All-round Student (5% in ZJU), 2007-2009
National Scholarship (1% in ZJU), 2007 & 2008
First Prize of National Training Camp for Talented and Gifted Students Scholarship (3% in ZJU), 2007

SKILLS

Language	Fluent English, Native Mandarin
Programming	Java, C#, C, C++, Python, SQL, Assembly, Shell Script
Operating System	Windows, Linux, Macintosh
Documentation	MS Office, HTML, Latex