

Yang Li

CONTACT INFORMATION

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EDUCATION

- Sep 2010-Present** Fifth Year PhD Student (Major in Computer Science)
Dept. of Computer Science, University of California Santa Barbara (UCSB), CA, USA
Overall GPA: 3.98 / 4.00
Research Areas: Text Mining, Natural Language Processing, Data Management
- Sep 2006-Jul 2010** Bachelor of Engineering (Major 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
- Jul 2009-Sep 2009** Exchange Student (Major in Computer Science)
Dept. of Computer Science, University of California Los Angeles (UCLA), CA, USA
Overall GPA: 4.00 / 4.00

WORK EXPERIENCE

- Jan 2015-Present** Research Intern, Allen Institute for Artificial Intelligence
- Jun 2014-Sep 2014** Research Intern, Interaction and Intent Group, Microsoft Research
Project: **Acronym Disambiguation for Enterprises**
 - Proposed a novel, end-to-end framework for Acronym Disambiguation
 - Developed a high-quality Acronym Disambiguation system for Microsoft
- Jun 2013-Sep 2013** Research Intern, iAd Team, Apple Inc.
Project: **Related App Discovery & App Keywords Extraction**
 - Proposed a method to discover related apps for app promotion
 - Developed a tool to automatically extract keywords from app descriptions
- Dec 2009-Apr 2010** Research and Software Develop Intern, Text-to-Speech Team, Microsoft (China)
Project: **Numerical String Disambiguation for Text-to-Speech**
 - Proposed a machine learning based method for Numerical String Disambiguation
 - Developed a high-quality Numerical String Disambiguation system for Microsoft

RESEARCH EXPERIENCE

- Jun 2012- Present** Research Assistant Advisor: Prof. Xifeng Yan
Knowledge Graph Construction from Noisy Text Data
Data Mining & Database Group, Computer Science Department, UCSB
 - Proposed a generative model to harvest evidences for Named Entity Disambiguation
 - Proposed a method for Named Entity Disambiguation with Linkless Knowledge Bases
 - Designed efficient algorithms to construct high-quality knowledge graph from noisy text

Sep 2010-May 2012

Research Assistant

Advisor: Prof. Xifeng Yan

Minimum Substring Partitioning

Data Mining & Database Group, Computer Science Department, UCSB

- Proposed and analyzed the Minimum Substring Partitioning technique
- Applied MSP to efficiently finish the k-mer counting and de Bruijn graph construction tasks in sequence assembly with very small memory footprint

PUBLICATIONS

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 (VLDB2013)*

Yang Li, Chi Wang, Fangqiu Han, Jiawei Han, Dan Roth, Xifeng Yan, “**Mining Evidences for Named Entity Disambiguation**”, in *Proc. of the 19th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD2013)*

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 (TKDE2013)*

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 ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD2014)*

Yang Li, Shulong Tan, Huan Sun, Jiawei Han, Dan Roth, Xifeng Yan, “**Entity Disambiguation for Linkless Knowledge Bases**”, submitted to *Proc. of the 24th International World Wide Web Conference (WWW2015)*.

Yang Li, Bo Zhao, Ariel Fuxman, Xifeng Yan, “**Artificial Intelligence or Asset Intelligence? Acronym Disambiguation for Enterprises**”, submitted to *Proc. of the 24th International World Wide Web Conference (WWW2015)*.

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

Second Prize for Advanced Mathematics Competition in Zhejiang Province, 2008

Second Prize for ACM Programming Contest in Zhejiang University, 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