

Yang Li

CONTACT INFORMATION

University of California, Santa Barbara
Computer Science Department
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ACADEMIC EXPERIENCE

- Sep 2010-Present** Third Year PhD Student (Major in Computer Science)
Dept. of Computer Science, University of California Santa Barbara (UCSB), CA, USA
Overall GPA: 3.97 / 4.00
Concentration: Data Mining, Data Management, NLP, Social Networks
- Sep 2006-Jul 2010** Bachelor of Engineering (Major in Computer Science)
Dept. of Computer Science, Zhejiang University (ZJU), Hangzhou, China
Overall GPA: 3.93 / 4.00 Major GPA: 4.00 / 4.00 Rank: 2 / 131
Concentration: Data Mining, Machine Learning, NLP
- 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
Concentration: Wireless Networks

RESEARCH EXPERIENCE

- Jul 2012- Present** Research Assistant Adviser: Prof. Xifeng Yan
Web Scale Knowledge Graph Construction
Data Mining & Database Group, Computer Science Department, UCSB
• Study how to boost the performance of Entity Linking via utilizing multiple documents
• Propose proper measurements for evaluating the quality of web scale knowledge graph
• Design efficient algorithms to construct a web scale knowledge graph with high quality
- Jan 2012-Jun 2012** Research Assistant Adviser: Prof. Xifeng Yan
Deep Analysis for Public Sentiment Variation on Social Networks
Data Mining & Database Group, Computer Science Department, UCSB
• Tracked public sentiment variation on Twitter
• Proposed LDA-based models to do reason analysis for sentiment variation
- Sep 2010-Dec 2011** Research Assistant Adviser: 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

PUBLICATION

Yang Li, Pegah Kamousi, Fangqiu Han, Shengqi Yang, Xifeng Yan, Subhash Suri, “**Memory Efficient Minimum Substring Partitioning**”, to appear in *Proc. of the 39th International Conference on Very Large Databases (VLDB2013)*, August 2013

WORK EXPERIENCE

Sep 2010-Sep 2011 Teaching Assistant
Department of Computer Science, University of California, Santa Barbara

Dec 2009-Apr 2010 Intern Research Assistant and Software Develop Engineer
Natural Language Processing Team of Microsoft China R&D Groups

AWARDS AND HONORS

2010 CITRIX GO-TO Fellowship Award (Award for excellent 1st year PhD students in CS Dept. of UCSB)
2010 Outstanding graduates in Zhejiang University and Zhejiang Province (Top award for graduates.)
2009 He Zhijun Scholarship (The most distinguished award in CS Dept.)
2009 Tencent Technology Scholarship for Excellence (3% in Zhejiang Univ.)
2009 Cross-disciplinary Scholarship in Science and Technology (Awarded by UCLA, 3‰ in Zhejiang Univ.)
2008 National Scholarship (1% in Zhejiang Univ.)
2008 First Prize of Excellent Undergraduate Scholarship (3% in Zhejiang Univ.)
2008 The title of Excellent All-round Student (5% in Zhejiang Univ.)
2008 Second Prize for Advanced Mathematics Competition in Zhejiang Province, China
2008 Second Prize for ACM Programming Contest in Zhejiang University, China
2007 National Scholarship (1% in Zhejiang Univ.)
2007 First Prize of Excellent Undergraduate Scholarship (3% in Zhejiang Univ.)
2007 The title of Excellent All-round Student (5% in Zhejiang Univ.)
2007 First Prize of National Training Camp for Talented and Gifted Students Scholarship (3% in CS Dept.)

SKILLS

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

PROFESSIONAL SERVICES

External Reviewer CIKM 2012; ICDM 2012