

ZHANPENG FANG

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EXPERIENCE

Google Inc.

Software Engineer

October 2016 - Present

Mountain View, CA

- Working on Google Knowledge Graph.

LinkedIn Corporation

Software Engineering Intern

June 2015 - September 2015

Sunnyvale, CA

- Designed a high precision machine learning method that infers industries for millions of companies in LinkedIn. Implemented the Hadoop backend of the method using Pig and Java.
- Mentored by *Danny Shacham*.

Knowledge Engineering Group, Tsinghua University

Research Intern

October 2010 - July 2016

Beijing, China

- Worked on research topics related to data mining, which includes but not limited to user behavior modeling, recommendation system, link prediction and topic modeling.
- Advised by *Prof. Jie Tang*.

Database Group, Carnegie Mellon University

Research Intern

August 2014 - June 2015

Pittsburgh, PA

- Researched on the models and algorithms that model multi-dimensional, skewed distributions. Paper published in SDM'16.
- Advised by *Prof. Christos Faloutsos*.

EDUCATION

Carnegie Mellon University and Tsinghua University

Dual Master of Science in Computer Science

August 2013 - July 2016

GPA: 4.06/4.0 (CMU), 93.9/100 (THU)

Tsinghua University

Bachelor of Engineering in Computer Science and Technology

August 2009 - July 2013

GPA: 92.2/100

SELECTED HONORS AND AWARDS

- Outstanding Master Graduate of Beijing 2016
- Siebel Scholar (93 receivers annually from the world's leading graduate schools) 2015
- Rank 2nd and 3rd in Two Stages of IJCAI 2015 Repeat Buyers Prediction Competition 2015
- Rank 2nd in CIKM 2014 Competition 2014
- Rank 2nd in Kaggle American Express Risky Business Competition (Awarded \$30K) 2014
- Rank 3rd in Kaggle Genentech Flu Forecasting Competition (Awarded \$25K) 2014
- Rank 1st in ICDM 2012 Contest 2012
- Rank 1st once and 2nd for 3 times in regional ACM ICPC (8 gold medals total) 2009-2012

- . Rank 1st in Tsinghua University-HKUST Programming Contest 2012
- . Outstanding Bachelor Graduate of Tsinghua University 2013
- . Tsinghua Top Grade Scholarship (Only 10 receivers out of 3300 peers) 2012
- . Tung OOCL Scholarship 2010, 2011
- . Gold Medal (Rank 7th in China) in National Olympiad in Informatics 2008

PUBLICATIONS

- . Venkata Krishna Pillutla*, **Zhanpeng Fang***, Pravallika Devineni, Danai Koutra, Christos Faloutsos, and Jie Tang. *On Skewed Multi-dimensional Distributions: the FusionRP Model, Algorithms, and Discoveries*. In SDM, 2016. (* indicates equal contributions.)
- . **Zhanpeng Fang**, and Jie Tang. *Uncovering the Formation of Triadic Closure in Social Networks*. In IJCAI, 2015.
- . **Zhanpeng Fang***, Zhilin Yang*, and Yutao Zhang. *Collaborative Embedding Features and Diversified Ensemble for E-Commerce Repeat Buyer Prediction*. In IJCAI Contest Workshop, 2015. (* indicates equal contributions.)
- . Jing Zhang, **Zhanpeng Fang**, Wei Chen, and Jie Tang. *Diffusion of Following Links in Microblogging Networks*. In TKDE, 2015.
- . Jie Tang, **Zhanpeng Fang**, and Jimeng Sun. *Incorporating Social Context and Domain Knowledge for Instance Recognition*. In WWW, 2015.
- . **Zhanpeng Fang**, Xinyu Zhou, Jie Tang, Wei Shao, A.C.M. Fong, Longjun Sun, Ying Ding, Ling Zhou, Jarder Luo. *Modeling Paying Behavior in Game Social Networks*. In CIKM, 2014.
- . Tiancheng Lou, Jie Tang, John Hopcroft, **Zhanpeng Fang**, Xiaowen Ding. *Learning to Predict Reciprocity and Triadic Closure in Social Networks*. In TKDD, 2013.
- . Yang Yang, Jianfei Wang, Yutao Zhang, Wei Chen, Jing Zhang, Honglei Zhuang, Zhilin Yang, Bo Ma, **Zhanpeng Fang**, Sen Wu, Xiaoxiao Li, Debing Liu, and Jie Tang. *SAE: Social Analytic Engine for Dynamic Networks*. In KDD, 2013. (Demo paper)
- . Sen Wu*, **Zhanpeng Fang***, and Jie Tang. *Accurate Product Name Recognition from User Generated Content*. In ICDM 2012 Contest Workshop. (* indicates equal contributions.)

SKILLS

Programming Languages C/C++, Java, Python, MATLAB, L^AT_EX