# ZHANPENG FANG

fzp1990@gmail.com ⋄ zpf@google.com

## EXPERIENCE

**Google Inc.**  *October 2016 - Present*
*Software Engineer*  *Mountain View, CA*

· Working on Google Knowledge Graph.

**LinkedIn Corporation**  *June 2015 - September 2015*
*Software Engineering Intern*  *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**  *October 2010 - July 2016*
*Research Intern*  *Beijing, China*

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

**Database Group, Carnegie Mellon University**  *August 2014 - June 2015*
*Research Intern*  *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**  *August 2013 - July 2016*
Dual Master of Science in Computer Science  GPA: 4.06/4.0 (CMU), 93.9/100 (THU)

**Tsinghua University**  *August 2009 - July 2013*
Bachelor of Engineering in Computer Science and Technology  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, LaTeX |
|---|---|