Meng Jiang

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EDUCATION

Department of Computer Science, College of Engineering, UIUC   **08/2015 – Present**
- Postdoctoral Research Associate. Advised by Professor Jiawei Han. Research on mining behavioral networks.

Department of Computer Science and Technology, Tsinghua University   **08/2010 – 07/2015**
- PhD of Engineering with *Excellent Doctoral Dissertation, Tsinghua* (3/109) and *Excellent PhD Graduate, Beijing*
- Advised by Professor Shiqiang Yang. Research on data mining: mining user behaviors in social networks.

Department of Computer Science, Carnegie Mellon University   **08/2012 – 05/2013**
- Visiting student in Professor Christos Faloutsos's Data Base Group.
- Research on large graph mining: detecting fraudulent behaviors in social networks.

Department of Computer Science and Technology, Tsinghua University   **08/2006 – 07/2010**
- Bachelor of Engineering (GPA: 88.7/100) with *Excellent Thesis* (4/160) and *Excellent Student Award*.

PROJECT EXPERIENCE

Tsinghua-Tencent APP Recommendation (Mentor: Chuan Chen)   **09/2014 – 06/2015**
- Developed APP downloading/installing behavior prediction algorithms with cross-domain and social data.

Tsinghua-Samsung User Intention Inference (Mentor: Yuanyuan Shi)   **03/2011 – 01/2012**
- As the team leader, designed an Android application "Come On" that recommends social activities.

INTERNSHIP EXPERIENCE

Microsoft Research Asia (MSRA), Beijing, China   **07/2014 – 09/2014**
Full-time Researcher in KM Group (Mentor: Xing Xie)
- Research on constructing a unified network and transfer learning across social networks.

Tsinghua-Tencent Joint Lab, Beijing, China   **04/2011 – 03/2012**
Part-time Software Engineer in Search Engine R&D Team (Mentor: Gordon Sun)
- Research on improving Tencent SOSO performance with social media data from Tencent Weibo.

HONORS AND AWARDS

- National Scholarship, China (RMB 30,000)   **2014**
- Award of Excellence in Microsoft Research Asia Internship Program   **2014**
- Sohu Graduate Research Fellowship (RMB 10,000)   **2013**
- Tsinghua-Toyota Scholarship (RMB 5,000)   **2008**

JOURNAL PAPERS

1. **Meng Jiang**, Peng Cui, Xumin Chen, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation with Cross-Domain Transferable Knowledge", in IEEE TKDE 2015. (to appear. Regular. IF=1.815)
2. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Catching Synchronized Behaviors in Large Networks: A Graph Mining Approach", in ACM TKDD 2015. (to appear. Invited, IF=1.147)
3. **Meng Jiang**, Peng Cui, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Scalable Recommendation with Social Contextual Information", in IEEE TKDE 2014. (Regular. IF=1.815. 11 citations till 09/2015)
4. Lu Liu, Feida Zhu, **Meng Jiang**, Jiawei Han, Lifeng Sun and Shiqiang Yang. "Mining Diversity on Social Media Networks", in Multimedia Tools and Applications 2012.

CONFERENCE PAPERS

5. **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "A General Suspiciousness Metric for Dense Blocks in Multimodal Data", in IEEE ICDM 2015. (Short. Acc. rate=18.2%)
6. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "CatchSync: Catching Synchronized Behavior in Large Directed Graph", in ACM **SIGKDD** 2014. (Full. **In best paper finalist**. Acc. rate=14.6%)
7. **Meng Jiang**, Peng Cui, Fei Wang, Xinran Xu, Wenwu Zhu and Shiqiang Yang. "FEMA: Flexible Evolutionary Multi-faceted Analysis for Dynamic Behavioral Pattern Discovery", in ACM SIGKDD 2014. (Full. Acc. rate=14.6%)
8. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Strange Behavior from Connectivity Pattern in Social Networks", in PAKDD 2014. (Full. Acc. rate=10.8%. 10 citations till 09/2015)
9. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Detecting Suspicious Following Behavior in Multimillion-Node Social Networks", in WWW 2014. (Poster. 9 citations till 09/2015)
10. **Meng Jiang**, Peng Cui, Rui Liu, Qiang Yang, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Contextual Recommendation", in ACM CIKM 2012. (Full. Acc. rate=13.4%. 74 citations till 09/2015)
11. **Meng Jiang**, Peng Cui, Fei Wang, Qiang Yang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation across Multiple Relational Domains", in ACM CIKM 2012. (Full. Acc. rate=13.4%. 32 citations till 09/2015)
12. Lu Liu, Jie Tang, Jiawei Han, **Meng Jiang** and Shiqiang Yang. "Mining Topic-Level Influence in Heterogeneous Networks", in ACM CIKM 2010.

蒋 朦　Meng Jiang

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教育背景

伊利诺伊大学厄巴纳-香槟分校工程学院计算机科学系博士后研究员　　　　　　　　　2015 年 8 月至今
- 韩家炜教授的数据挖掘研究组，研究行为网络的建模挖掘、在线分析和异常检测技术

清华大学计算机科学与技术系工学博士　　　　　　　　　　　　　　　　2010 年 8 月至 2015 年 7 月
- 导师杨士强教授，获得**校优秀博士论文**(3/109)和**北京市优秀毕业生**
- 研究社交网络复杂行为分析和建模方法，应用于行为预测和推荐系统等

卡内基梅隆大学计算机科学学院访问学生　　　　　　　　　　　　　　　2012 年 8 月至 2013 年 5 月
- 导师 Christos Faloutsos 教授，从事大规模图挖掘算法和异常检测算法的研究

清华大学计算机科学与技术系工学学士　　　　　　　　　　　　　　　　2006 年 8 月至 2010 年 7 月
- GPA: 88.7/100，获得**系优秀本科毕业论文**(4/160)和**系优秀本科毕业生**(10/160)

项目经历

"清华-腾讯"应用宝推荐项目（指导老师：陈川）　　　　　　　　　　　2014 年 9 月至 2015 年 6 月
- 分析应用宝用户下载、安装、卸载应用的行为模式，设计基于复杂行为的应用推荐算法

"清华-三星"社交行为分析与预测项目（指导老师：史媛媛）　　　　　　2011 年 3 月至 2012 年 1 月
- 作为团队核心，设计开发分享校园社交活动的安卓应用，设计兼顾用户兴趣、社交和影响力的推荐算法

实习经历

微软亚洲研究院知识挖掘组（指导老师：谢幸）　　　　　　　　　　　　2014 年 7 月至 2014 年 9 月
- 研究社交网络多合一建模和跨社交网络的迁移学习算法

"清华-腾讯"联合实验室搜索研发部软件工程师　　　　　　　　　　　　2011 年 4 月至 2012 年 3 月
- 利用腾讯微博丰富的社交媒体数据，借助推荐系统算法，提升腾讯 SOSO 的搜索效果

所获荣誉

- 国家奖学金（30,000 元人民币）　　　　　　　　　　　　　　　　　　2014 年
- 微软亚洲研究院优秀实习生奖　　　　　　　　　　　　　　　　　　　　2014 年
- 搜狐研发奖学金（10,000 元人民币）　　　　　　　　　　　　　　　　 2013 年
- "清华-丰田"奖学金（5,000 元人民币）　　　　　　　　　　　　　　　 2008 年

期刊论文

1. **Meng Jiang**, Peng Cui, Xumin Chen, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation with Cross-Domain Transferable Knowledge", in IEEE TKDE 2015. (已录用，长文，影响因子 1.815)

2. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Catching Synchronized Behaviors in Large Networks: A Graph Mining Approach", in ACM TKDD 2015. (已录用，特邀长文，影响因子 1.147)

3. **Meng Jiang**, Peng Cui, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Scalable Recommendation with Social Contextual Information", in IEEE TKDE 2014. (长文，影响因子 1.815，截至 2015 年 9 月，已被引用 11 次)

4. Lu Liu, Feida Zhu, **Meng Jiang**, Jiawei Han, Lifeng Sun and Shiqiang Yang. "Mining Diversity on Social Media Networks", in Multimedia Tools and Applications 2012.

会议论文

5. **Meng Jiang**, Alex Beutel, Peng Cui, Bryan Hooi, Shiqiang Yang and Christos Faloutsos. "A General Suspiciousness Metric for Dense Blocks in Multimodal Data", in IEEE ICDM 2015. (短文，入稿率 18.2%)

6. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "CatchSync: Catching Synchronized Behavior in Large Directed Graph", in ACM **SIGKDD** 2014. (长文，**入最佳论文最终列表**，入稿率 14.6%)

7. **Meng Jiang**, Peng Cui, Fei Wang, Xinran Xu, Wenwu Zhu and Shiqiang Yang. "FEMA: Flexible Evolutionary Multi-faceted Analysis for Dynamic Behavioral Pattern Discovery", in ACM SIGKDD 2014. (长文，入稿率 14.6%)

8. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Inferring Strange Behavior from Connectivity Pattern in Social Networks", in PAKDD 2014. (长文，入稿率 10.8%)

9. **Meng Jiang**, Peng Cui, Alex Beutel, Christos Faloutsos and Shiqiang Yang. "Detecting Suspicious Following Behavior in Multimillion-Node Social Networks", in WWW 2014. (海报，截至 2015 年 9 月，已被引用 9 次)

10. **Meng Jiang**, Peng Cui, Rui Liu, Qiang Yang, Fei Wang, Wenwu Zhu and Shiqiang Yang. "Social Contextual Recommendation", in ACM CIKM 2012. (长文，入稿率 13.4%，截至 2015 年 9 月，已被引用 74 次)

11. **Meng Jiang**, Peng Cui, Fei Wang, Qiang Yang, Wenwu Zhu and Shiqiang Yang. "Social Recommendation across Multiple Relational Domains", in ACM CIKM 2012. (长文，入稿率 13.4%，截至 2015 年 9 月，已被引用 32 次)

12. Lu Liu, Jie Tang, Jiawei Han, **Meng Jiang** and Shiqiang Yang. "Mining Topic-Level Influence in Heterogeneous Networks", in ACM CIKM 2010.