



师资队伍

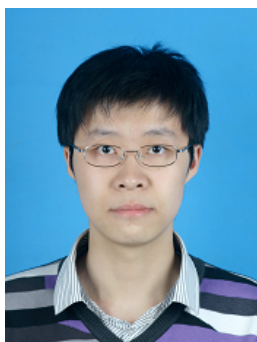
Teaching staff

学术科研

您所在的位置：教师科研 > 师资队伍

详细资料

Details



范举

范举，1984年生，博士，副教授。2012年7月于清华大学计算机系获得博士学位，2012年至2015年在新加坡国立大学从事博士后研究工作，现为中国人民大学数据工程与知识工程教育部重点实验室副教授。...

电话：+86-10-62514562

个人主页：<http://iir.ruc.edu.cn/~fanj/>

电子邮箱：fanj@ruc.edu.cn

[更多](#)

教育经历

2007-2012 清华大学计算机系 博士 (导师: 周立柱教授)

2003-2007 北京工业大学计算机学院 本科

工作经历

2012-2015 新加坡国立大学 博士后 (合作教授: Prof. Beng Chin Ooi, Prof. Kian-Lee Tan)

2010-2011 纽约州立大学 研究助理 (合作教授: Prof. Weiyi Meng)

研究方向

课题组聚焦大数据分析, 以产出高水平的论文和真实可用的算法/系统为整体目标。具体有两个项目: 一个是与腾讯合作的微信用户朋友圈广告投放, 项目目前侧重广告点击率 (CTR) 预测, 研究如何在海量数据上应用深度学习模型 (如DeepFM), 以及如何与微信社交属性结合; 另一个侧重大规模知识图谱的构建, 探讨如何融合机器学习算法和群体智能, 在互联网上获取与融合海量知识数据, 从而支持多领域应用: 该项目与人大新闻学院以及某Fintech公司合作。

讲授课程

程序设计导论 信息学院理科试验班2016级本科生 课程信息参见: <https://github.com/fanju1984/introduction-to-programming/wiki/Syllabus>

科研项目

目前主持一项自然科学基金青年项目、一项CCF-腾讯犀牛鸟项目、一项校内启动金项目; 并以主要参与人身份参加一项自然科学基金重点项目

科研成果

中国计算机学会 (CCF) 推荐A类国际会议/期刊论文 :

- Jian Dai, Meihui Zhang, Gang Chen, Ju Fan, K.Y. Ngiam, Beng Chin Ooi: Fine-grained Concept Linking using Neural Networks in Healthcare. ACM SIGMOD 2018.
- Yuchen Li, Ju Fan*, Yanhao Wang, Kian-Lee Tan: Influence Maximization on Social Graphs: A Survey. IEEE Transaction on Knowledge and Data Engineering (TKDE), 2018.
- Chengliang Chai, Ju Fan*, Guoliang Li: Incentive-Based Entity Collection using Crowdsourcing. 34th IEEE International Conference on Data Engineering (ICDE), 2018.
- Ju Fan, Jiarong Qiu, Yuchen Li, Qingfei Meng, Dongxiang Zhang, Guoliang Li, Kian-Lee Tan, Xiaoyong Du: OCTOPUS: An Online Topic-Aware Influence Analysis System for Social Networks (demo). 34th IEEE International Conference on Data Engineering (ICDE), 2018.
- Guoliang Li, Chengliang Chai, Ju Fan, et. al: CDB: Optimizing Queries with Crowd-Based Selections and Joins. ACM SIGMOD, 2017, to appear.
- Guoliang Li, Yudian Zheng, Ju Fan, Jiannan Wang, Reynold Cheng: Crowdsourced Data Management: Overview and Challenges (tutorial). ACM SIGMOD, 2017.
- Dongxiang Zhang, Yuchen Li, Ju Fan*, Lianli Gao, Fumin Shen, Heng Tao Shen: Processing Long Queries Against Short Text: Top-k Advertisement Matching in News Stream Applications. ACM Transactions on Information Systems (TOIS), to appear.
- Yuchen Li, Ju Fan*, Dongxiang Zhang, Kian-Lee Tan: Discovering Your Selling Points: Personalized Social Influential Tag Exploration. ACM SIGMOD, 2017, to appear.
- Ju Fan*, Zhewei Wei, Dongxiang Zhang, Jingru Yang, and Xiaoyong Du: Distribution-Aware Crowdsourced Entity Collection. IEEE Transaction on Knowledge and Data Engineering (TKDE), to appear.
- Ju Fan*, Meihui Zhang, Stanley Kok, Meiyu Lu, and Beng Chin Ooi: CrowdOp: Query Optimization for Declarative Crowdsourcing Systems (Extended Abstract). 32nd IEEE International Conference on Data Engineering (ICDE), 2016.
- *Ju Fan, Guoliang Li, Beng Chin Ooi, Kian-Lee Tan, Jianhua Feng: iCrowd: An Adaptive Crowdsourcing Framework. SIGMOD 2015:1015-1030.
- *Ju Fan, Meihui Zhang, Stanley Kok, Meiyu Lu, Beng Chin Ooi: CrowdOp: Query Optimization for Declarative Crowdsourcing Systems. IEEE Transaction on Knowledge and Data Engineering (TKDE) 27(8):2078-2092 (2015).
- *Ju Fan, Meiyu Lu, Beng Chin Ooi, Wang-Chiew Tan, Meihui Zhang: A Hybrid Machine-Crowdsourcing System for Matching Web Tables. 30th IEEE International Conference on Data Engineering (ICDE), 2014: 976-987.

- *Ju Fan, Guoliang Li, Lizhu Zhou, Shanshan Chen, Jun Hu: SEAL: Spatio-Textual Similarity Search. 38th International Conference on Very Large Data Bases (VLDB), PVLDB 5(9):824-835, 2012.
- *Ju Fan, Guoliang Li, and Lizhu Zhou: Interactive SQL Query Suggestion: Making Databases User-Friendly. 27th IEEE International Conference on Data Engineering (ICDE), 2011: 351-362.
- Shuo Chen, *Ju Fan, Guoliang Li, Jianhua Feng: Online Topic-Aware Influence Maximization. 41st International Conference on Very Large Data Bases (VLDB), 2015, PVLDB 8(6):666-677 (2015).
- Kuang Mao, *Ju Fan, Lidan Shou, Gang Chen and Mohan Kankanhalli: Song Recommendation for Social Singing Community. ACM Multimedia 2014: 127-136.
- Yang Cao, *Ju Fan, Guoliang Li: A User-Friendly Patent Search Paradigm. IEEE Transaction on Knowledge and Data Engineering (TKDE) 25(6):1439-1443, 2013.
- Jun Han, *Ju Fan, Lizhu Zhou: Crowdsourcing-Assisted Query Structure Interpretation. 23rd International Joint Conference on Artificial Intelligence (IJCAI), 2013.
- Zheng Jye Ling, Quoc Trung Tran, *Ju Fan, Gerald C.H. Koh, Thi Nguyen, Chuen Seng Tan, James W. L. Yip, Meihui Zhang: GEMINI: An Integrative Healthcare Analytics System. 40th International Conference on Very Large Data Bases (VLDB), 2014: 1766-1771.
- Guoliang Li, Nan Zhang, Ruicheng Zhong, Sitong Liu, Weihuang Huang, *Ju Fan, Kian-Lee Tan, Lizhu Zhou, Jianhua Feng: TsingNUS: a location-based service system towards live city. SIGMOD 2013:957-960 (Demo论文) .

社会兼职

国际期刊IEEE Transaction on Knowledge and Data Engineering TKDE (CCF推荐A类)审稿人

国际会议ACM MM 2015 (CCF推荐A类) 程序委员会委员 (PC Member)

第3届CCF大数据会议 (CCF Big Data 2015) 程序委员会委员 (PC Member)

第15届、第16届万维网信息管理会议 (WAIM 2014/2015) 程序委员会委员 (PC Member)

国际期刊Big Data Research、WWW Journal审稿人

国际会议ACM SIGMOD、VLDB、IEEE ICDE等 (CCF推荐A类) 审稿人/外部审稿人

荣誉获奖

Copyright © 2015 School of Information, Renmin University of China. All rights reserved.
版权所有中国人民大学信息学院

地址：北京市海淀区中关村大街59号
邮编：100872