

Yudian Zheng

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Educations

- 2013/09–2017/11 **Ph.D. in CS Department**, *The University of Hong Kong*, Hong Kong, China.
Supervisor: Dr. Reynold Cheng.
- 2008/09–2013/06 **B.Eng. in Software Institute**, *Nanjing University*, China.

Research Interests

Crowdsourcing, Data Integration, Data Cleaning, Data Mining.

Internships

- 2016/10–2017/01 **Research Intern**, *Google Research (NYC)*, Structured Data Group, NY, US.
◦ Recommending News Articles with Diversified Views on Controversial Topics.
Supervisor: Dr. Cong Yu.
- 2016/05–2016/08 **Research Intern**, *Microsoft Research (Redmond)*, DMX Group, WA, US.
◦ Data Transformation Project. Supervisor: Dr. Yeye He.
- 2015/07–2015/10 **Research Intern**, *Tsinghua University*, Database Group, Beijing, China.
2013/03–2013/07 ◦ Truth Inference and Task Assignment in Crowdsourcing Project.
◦ Supervisors: Dr. Jiannan Wang (now in SFU) and Dr. Guoliang Li.
- 2012/09–2013/03 **Research Intern**, *Nanjing University*, LAMDA Group, Nanjing, China.
◦ Analyzing Boosting Methods, Supervisors: Dr. Yang Yu and Prof. Zhihua Zhou.
- 2012/07–2012/08 **Data Mining Intern**, *Baidu Company*, Tieba Group, Beijing, China.
◦ Develop an Anti-Spam System in Baidu Tieba, the Biggest Chinese Community.

Selected Publications

- SIGMOD 2017 **Crowdsourced Data Management: Overview and Challenges. (3-Hour Tutorial).**
Guoliang Li, Yudian Zheng, Ju Fan, Jiannan Wang, Reynold Cheng.
- SIGMOD 2017 **CDB: A Crowd-Powered Database System. (Full).**
Guoliang Li, Chengliang Chai, Xueping Weng, Ju Fan, Jian Li, Yudian Zheng, Yuanbing Li, Xiang Yu, Xiaohang Zhang, Haitao Yuan.
- VLDB 2017 **Truth Inference in Crowdsourcing: Is the Problem Solved? (Full).**
Yudian Zheng, Guoliang Li, Yuanbing Li, Caihua Shan, Reynold Cheng.
- VLDB 2017 **DOCS: A Domain-Aware Crowdsourcing System. (Full).**
Yudian Zheng, Guoliang Li, Reynold Cheng.
- ICDE 2017 **Crowdsourced Data Management: A Survey. (Extended Abstract).**
Guoliang Li, Jiannan Wang, Yudian Zheng, Michael J. Franklin.

- WWW 2017 **Semi-supervised Clustering in Attributed Heterogeneous Information Networks. (Full).**
Xiang Li, Yao Wu, Martin, Ester, Ben Kao, Xin Wang, Yudian Zheng.
- TKDE 2016 **Crowdsourced Data Management: A Survey. (Full).**
Guoliang Li, Jiannan Wang, Yudian Zheng, Michael J. Franklin.
- ICDE 2016 **Crowdsourced POI Labelling: Location-Aware Result Inference and Task Assignment. (Full).**
Huiqi Hu, Yudian Zheng, Zhifeng Bao, Guoliang Li, Jianhua Feng, Reynold Cheng.
- KDD 2016 **Meta Structure: Computing Relevance in Large Heterogeneous Information Networks. (Full).**
Zhipeng Huang, Yudian Zheng, Reynold Cheng, Yizhou Sun, Nikos Mamoulis, Xiang Li.
- CIKM 2016 **On Transductive Classification in Heterogeneous Information Networks. (Full).**
Xiang Li, Ben Kao, Yudian Zheng, Zhipeng Huang.
- CIKM 2016 **KB-Enabled Query Recommendation for Long-Tail Queries. (Extended Short).**
Zhipeng Huang, Bogdan Cautis, Reynold Cheng, Yudian Zheng.
- SIGMOD 2015 **QASCA: A Quality-Aware Task Assignment System for Crowdsourcing Applications. (Full).**
Yudian Zheng, Jiannan Wang, Guoliang Li, Reynold Cheng, Jianhua Feng.
- EDBT 2015 **On Optimality of Jury Selection in Crowdsourcing. (Full).**
Yudian Zheng, Reynold Cheng, Silviu Maniu, Luyi Mo.

Activities

- Tutorial **SIGMOD 2017**, *Crowdsourced Data Management: Overview and Challenges.*
Guoliang Li, Yudian Zheng, Ju Fan, Jiannan Wang, Reynold Cheng.
- Tutorial **PAKDD 2014**, *Managing the Quality of Crowdsourced Databases.*
Reynold Cheng, Yudian Zheng.
- Lecturer **OS Experimental Class**, Nanjing University, Jidong Ge, Yudian Zheng.
- Reviewer **VLDBJ 2017, PAMI 2016, TKDE 2016 (multiple times).**

Awards

- 2017 **Pilot Scheme Scholarship**, *The University of Hong Kong.*
- 2016 **KDD Travel Award**, *ACM.*
- 2015–2016 **Hong Kong and China Gas Company Limited Scholarships.**
- 2015 **SIGMOD Travel Award**, *ACM.*
- 2013–2017 **Postgraduate Scholarships**, *The University of Hong Kong.*
- 2009 **1st Prize in EL Competition**, *Software Institute, Nanjing University.*