Jian Gao

✆ Mobile: (86) 136-9944-5766
✉ gaojian08@hotmail.com
🖥 Homepage: gaocn.net
Skype: gaojianuestc

Personal Information

Birth	DATE: May 28, 1989	◇ GENDER: Male	◇ NATIONALITY: P.R. China
Address	CompleX Lab, Web Sciences Center, School of Computer Science and Engineering, UESTC		
	Xiyuan Ave No.2006, West Hi-Tech Zone, Chengdu 611731, P.R. China		

Education

2012–Present **University of Electronic Science and Technology of China** Chengdu, China
PhD 14' (Master 12') student in *Computer Science*. CompleX Lab, Web Sciences Center
Advisor: Prof. Tao Zhou

2008–2012 **University of Electronic Science and Technology of China** Chengdu, China
B.Sc in *Information and Computing Science*. School of Mathematical Sciences
GPA: 88.6/100 (3.88/4)

Research Interests

Network Sci Network Models, Percolation Transition, Spreading Processes, Ranking Methods
Data Anal Social Media, Co-authorship, Industry, Economic and Employee Data Analysis

Selected Projects

2015–Present Quantify Local Industry Structure and Economic Complexity of China UESTC
2014–2015 Information Spreading and Percolation on Spatial Social Networks UESTC & SWJT
2013–2014 User Reputation Evaluation and Robust Online Ranking Methods UESTC

Selected Publications

[1] **Jian Gao**, Tao Zhou, *et al*. Symbiosis and monopoly of the local industry structure in China. Oct 2015. (In preparation)

[2] **Jian Gao** and Tao Zhou. Evaluating user reputation in online rating systems via an iterative group-based ranking method. arXiv:1509.00594, 2015. (Under review)

[3] **Jian Gao**, Tao Zhou, and Yanqing Hu. Bootstrap percolation on spatial networks. *Scientific Reports*, 5:14662, 2015.

[4] **Jian Gao**, Yu-Wei Dong, Ming-Shing Shang, Shi-Min Cai, and Tao Zhou. Group-based ranking method for online rating systems with spamming attacks. *Europhysics Letters*, 110: 28003, 2015.

[5] Jian Yuan, Qian-Ming Zhang, **Jian Gao**, Linyan Zhang, Xue-Song Wan, Xiao-Jun Yu, and Tao Zhou. Promotion and resignation in employee networks. *Physica A*, 2015. (In press)

Selected Awards

2014 Best Poster Award in the 2nd Conference on Complexity Science (Top 3)
Chinese Complexity Science Research Council

2012 Outstanding Winner in 2012 Interdisciplinary Contest in Modeling (0.3%)
COMAP, sponsored by SIAM, NSA and INFORMS

2011 Outstanding Student of the University, the highest honor, UESTC (0.2%)

Selected Experience

2015–Present Research Assistant to Prof. Tao Zhou. Big Data Research Center, UESTC Chengdu, China
2014–2015 Research Intern. Hire Big Data and Business Big Data (Chengdu) LTD. Chengdu, China

Skills

Programming	MATLAB (practical), Python (basic)	◇ Visualization: OriginLab, Gephi, D3, AI
Language	English (fluent), Chinese (native)	◇ Typesetting: LaTeX, MS Office