

Huan Gui

CONTACT INFORMATION

Siebel Center for Computer Science
201 North Goodwin Avenue
Urbana, IL 61801, USA

E-mail: huangui2@illinois.edu

RESEARCH INTERESTS

Applied Machine Learning, with a focus in information network analysis.

EDUCATION

University of Illinois at Urbana-Champaign, Urbana, IL

Sep. 2012 - Present

Ph.D. Candidate for Computer Science

Advisor: Prof. Jiawei Han

Peking University, Beijing, China

Sep. 2008 - May 2012

Bachelor of Science for Computer Science (Major) and Economics (Double Major).

PUBLICATION

- Huan Gui, Jiawei Han, Quanquan Gu. Towards Faster Rates and Oracle Property for Low-Rank Matrix Estimation. *Proceedings of the 33rd International Conference on Machine Learning (ICML), 2015.*
- Huan Gui, Ya Xu, Anmol Bhasin, Jiawei Han. Network A/B Testing: From Sampling to Estimation. *Proceedings of the 24th international conference on World Wide Web (WWW), 2015.*
- Quanquan Gu*, Huan Gui*, Jiawei Han. Robust Tensor Decomposition with Gross Corruption. *In Advances in Neural Information Processing Systems (NIPS) 27, 2014.* (* Equal contribution)
- Huan Gui, Yizhou Sun, Jiawei Han, and George Brova. Modeling Topic Diffusion in Multi-Relational Bibliographic Information Networks. *Proceedings of 2014 ACM International Conference on Information and Knowledge Management (CIKM'14).*

RESEARCH EXPERIENCE

Research Assistant, Data Mining Research Group

Aug. 2012 - Present

University of Illinois at Urbana-Champaign, Urbana, IL,
with Prof. Jiawei Han.

Research Intern, Local Search Quality Group

May. 2015 - Aug. 2015

Google, NYC,
with Dr. Cecilia Chen.

Research Intern, XLNT Team

May. 2014 - Aug. 2014

LinkedIn, Mountain View, CA,
with Dr. Ya Xu.

Research Intern, SNA Team

May. 2013 - Aug. 2013

LinkedIn, Mountain View, CA,
with Dr. Haishan Liu.

Research Intern, Web Search and Mining Group Team

Dec. 2011 - June. 2012

Microsoft Research Asia, Beijing, China,
with Asso. Researcher Taifeng Wang.

Research Assistant, Digital Library Group

May. 2009 – June. 2012

Peking University, Beijing, China,
with Prof. Ming Zhang.

TEACHING EXPERIENCE

- Teaching Assistant, CS 512, Data Mining: Principles and Algorithms, Spring 2016
- Teaching Assistant, CS 440, Artificial Intelligence, Fall 2015
- Teaching Assistant, Coursera, Pattern Discovery in Data Mining, Spring 2014
- Teaching Assistant, Coursera, Clustering in Data Mining, Spring 2014
- Teaching Assistant, CS 412, Introduction to Data Mining, Fall 2014
- Teaching Assistant, CS 412, Introduction to Data Mining, Fall 2013

HONORS AND
AWARDS

- NIPS'14 Travel Award.
- The Miaozhen Scholarship for the academic year of 2011 ~ 2012, Peking University.
- The 1st Prize of 2011 Computer Aided Design Contest of integrated Circuits, R. O. China.
- The 3rd Prize of Samsung International Scholarship for the academic year of 2009 ~ 2010.

SKILLS

Programming Languages: python, C/C++, Scala, MATLAB, C#, Java, html/css, php, SQL, R
Languages: Mandarin, English

SERVICE

- External PC reviewer of KDD'15, NIPS'15, SIGMOD'16, WWW'15, SDM'15, AAAI'15, ICDE'15, NIPS'14, BigData'14, KDD'14, WSDM'14, SDM'14, ASONAM'14, ECMLPKDD'14, ICDE'14.