

Lingkun Kong

<http://ohyoukillkenney.github.io>

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Duncan Hall 3011, Rice University

EDUCATION

- **Rice University** Houston, TX
Department of Computer Science
◦ Ph.D. Candidate Aug. 2018 – now
- **Shanghai Jiao Tong University** Shanghai, China
Department of Computer Science
◦ B.S. in Dept. of Computer Science, CS-Zhiyuan College joint program Feb. 2014 – Jul. 2018
- **Cornell University** Ithaca, NY
Computer Science Department, Visiting Student
◦ Course: Programming Languages and Logics given by [Prof. David Gries](#) Jun. – Jul. 2017

RESEARCH INTERESTS

- Data Streaming, Data System, Programming Language

PUBLICATIONS

- Junqin Huang, **Lingkun Kong**, Linghe Kong, Zhen Liu, Zhiqiang Liu and Guihai Chen. *Blockchain-based Crowd-sensing System*, in IEEE HotICN International Conference, 2018.
- L. Fu, S. Ma, **L. Kong**, S. Shi, X. Wang, *FINE: A Framework for Distributed Learning on Incomplete Observations for Heterogeneous Crowdsensing Networks*, in IEEE/ACM Transactions on Networking, Vo. 26, No. 3, pp. 1092-1109, June 2018.

RESEARCH EXPERIENCE

- **Bancor Simulator: Simulator for Market Analysis under Bancor Protocol** Jan. 2018
Research Assistant, supervised by Prof. Emin Gün Sirer
◦ *Goal:* to build a simulator, which monitors market performance under Bancor protocol, to explore the robustness and efficiency of Bancor.
- **Evolving Bipartite Model Reveals the Bounded Weights in Social Networks** Nov. 2017
Research Assistant, supervised by Prof. Xinbing Wang & Prof. Luoyi Fu
◦ *Goal:* to propose a novel evolving bipartite model (EBM) that highlights the establishment of social connections for new vertices and the characterization of their behaviors based on weighting-driven preferential attachment.
- **Multi-entity Scholarly Model for Systematic Understanding of Scholarly Networks** Oct. 2017
Research Assistant, supervised by Prof. Xinbing Wang & Prof. Luoyi Fu
◦ *Goal:* to incorporate different kinds of entities (i.e., paper, author and topic) into an entirety to generate a systematic understanding of scholarly networks at scale.

PROJECTS

- **Acemap: Academic Map System** Jun. 2015 - Dec. 2017
◦ Develop visualizing applications for scholarly information networks and presentation approaches.
◦ Implement the recommending algorithm for papers in Acemap, and present the result on website.
◦ Build and maintain the server and the back-end for Acemap.

SELECTED SCHOLARSHIP & HONORS

- **China National Scholarship** highest honor for undergraduates in China, top 0.2% nationwide 2015 & 2017
- **Junzheng Scholarship** award for research performance, top 30 in SJTU 2017
- **Scholarship of Outstanding Undergraduates** award for research performance, top 2 in School of EIEE 2017
- **Zhiyuan Honor Scholarship** award for academic performance 2014 & 2015 & 2016 & 2018