

# Lingkun Kong

<http://ohyoukillkenney.github.io>

Email : [klk@rice.edu](mailto:klk@rice.edu)

Duncan Hall 3011, Rice University

## EDUCATION

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- **Rice University** Houston, TX  
*Department of Computer Science*  
◦ Ph.D. Candidate in Dept. of Computer Science  
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. 2016 – 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

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- Data System, Measurement & Performance Analysis

## PUBLICATIONS

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- 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, Vol. 26, No. 3, pp. 1092-1109, June 2018.

## RESEARCH EXPERIENCE

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- **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

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- **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

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- **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
- **Merit Student of Shanghai Jiao Tong University** award for comprehensive performance 2015

## TEACHING EXPERIENCE

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- Teaching Assistant for CS 499 *Mathematical Foundations of Computer Science* Spring 2017
- Teaching Assistant for CS 334 *Computer Organization Lab* Spring 2016