Lingkun Kong

Email : klk@rice.edu
http://ohyoukillkenny.github.io
Duncan Hall 3011, Rice University

Education

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

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*