

Lingkun Kong

CONTACT INFORMATION	SEIEE Buildings 1-441, 800 Dongchuan Road, Shanghai, 200240 China	https://github.com/Ohyoukillkenny klk316980786@sjtu.edu.cn
EDUCATION	Shanghai Jiao Tong University , Shanghai, China <i>Sept. 2014 - Jun. 2018 (expected)</i> <i>Major in Computer Science, Minor in Zhiyuan Honor Program</i> <ul style="list-style-type: none">Overall GPA: 90.03/100; Overall Rank: 5/146; Major GPA: 91.74/100TOEFL :105 (Reading: 29; Listening: 28; Speaking: 23; Writing: 25)	
RESEARCH INTERESTS	Data-mining and Machine Learning , especially for Data-Oriented Networks, Big Data Analytics	
PUBLICATIONS	Fengyu Deng, Lingkun Kong , Jiaqi Liu, Jinghao Zhao, Jialu Wang, Luoyi Fu, Xinbing Wang, <i>Evolving Scholarly Networks: Experiments, Modeling and Analysis</i> , KDD 2017, under review	
PATENTS	An Method to Construct & Visualize the Heterogeneous Topic Network Based on Text Information <i>Aug. 2016</i> Inventor: Junxian He, Ying Huang, Lingkun Kong , Jiaming Shen, Changfeng Liu, Yuting Jia, Hao Xiao, Weijie Tang, Tianheng Hu, Luoyi Fu, Xinbing Wang	
RESEARCH EXPERIENCE	Acemap: Academic Map System <i>Dec. 2015 - present</i> Supervisor: Prof. Xinbing Wang <ul style="list-style-type: none">Propose and implement the recommending algorithm for papers in Academic Map based on LDA and Random Walk, which largely improves the browsing accuracy as well user experience.Knowledgeable in theoretical networking or large-scale network analysis. Make survey for theoretical studies especially in the field of Community Detection and Evolving Networks.Develop visualizing applications for co-author and topic networks and present them on website.Build and maintain the server and the back-end for Academic Map System. Designing Robots with Smart Recognition and Tracking Ability <i>Dec. 2014 - Jan. 2015</i> Team Leader & Project Proposer, Supervisor: Prof. Jingchuan Wang <ul style="list-style-type: none">Develop a novel recognizing algorithm for the robot, and implement hardware code as well, which is extremely efficient, even can achieve real-time tracking without GPU.Design and build the robots' hardware devices, including camera, cradle head and camera supporter, and etc.Win A+ project of University Student Innovation Program.	
SELECTED COURSE PROJECTS	Using ConvNets to Recognize Captcha Digits <i>Sept. 2016 - Jan. 2016</i> <ul style="list-style-type: none">Develop an application to recognize real-world captcha digits based on ConvNets, for the soft engineering class.99 score, highest score, for final software designing. Exploring Saliency Prediction Problem Based on Deep Learning Structure <i>Sept. 2016 - Dec. 2016</i> <ul style="list-style-type: none">Visualize the machine's visual understanding of real-world objects under deep learning structure.99 score for final graphic user interface as well as the project report – <i>Visualization for Machine Vision Understanding Based on Saliency Prediction Problem</i>. Java Implementation of C Compiler <i>Sept. 2016 - Dec. 2016</i> <ul style="list-style-type: none">Generate Assembly Code on MIPS architecture for C programs.96 score for implementing several compiler optimization techniques. Writing a Simple CPU on MIPS Architecture in Verilog <i>Feb. 2016 - June. 2016</i> <ul style="list-style-type: none">Generate Verilog Code on MIPS architecture to write a simple pipelining CPU.98 score, highest score, for final design.	

Develop Linux Kernel Applications*Feb. 2016 - June. 2016*

- Develop Linux Kernel applications for the Operating System class.
- 96 score, highest score, for the final application.

**TEACHING
EXPERIENCE**Teaching Assistant for **Computer Organization Lab. CS334***Spring 2016*

- Give lectures to students.
- Assist in students' project designing and help them to write a simple CPU in Verilog.

**HONORS AND
AWARDS**

National Scholarship (Top 3 students in department of Computer Science)

2014-2015

Zhiyuan Honor Scholarship (Top 5%)

2014-2015 & 2015-2016

First Prize in RoboMasters Competition (East China)

Jun. 2015

Second Prize in RoboMasters Competition (China)

Jul. 2015

Merit Student of Shanghai Jiao Tong University

*2014-2015***TECHNICAL
STRENGTHS**

- Extensive experience on data-mining, and theoretical networking
- Knowledgeable in web programming
- Proficient in C/C++, Python, Verilog
- Well-acquainted with PHP, JAVA, Android and Linux development
- Data exploration with MySQL