

## Xiaohang Lu

---

CONTACT INFORMATION	No.5 Yiheyuan Rd., P.R.China 100871 <a href="https://luxiaohang.github.io/index.html">https://luxiaohang.github.io/index.html</a>	86 137-1777-2692 luxiaohang94kf@pku.edu.cn
EDUCATION	<b>Peking University</b> , Beijing, China <i>Department of Information Management</i> <ul style="list-style-type: none"><li>Major: Information Management and Information System</li><li>Overall GPA: 3.71/4.0; Rank: <b>1/38</b></li><li>Coursework: Human-Computer Interaction and User Experience, Management Information System, Information Storage and Retrieval, Multi-media Technology, Database Systems, The Organization of Information</li></ul> <i>School of Electronics Engineering and Computer Science</i> <ul style="list-style-type: none"><li>Major: Computer Science and Technology</li><li>Coursework: Data Structure and Algorithm, Operation Systems, Discrete Mathematics, Computer Networks, Computer Graphics</li></ul>	<i>Sept. 2013 - Jun. 2017 (Expected)</i>
PUBLICATION	<b>Xiaohang Lu</b> , Shengqing Wang, Junjie Huang, Wenguang Chen, Zengwang Yan “What Decides the Dropout in Moocs”, <i>DASFAA, workshop on Data Management and Mining on MOOCs (DMMOOC 2017)</i> , Suzhou, Mar., 2017	
RESEARCH EXPERIENCE	<b>Dropout Analysis in MOOC</b> <i>Co-Supervised by Profs Wenguang Chen, Danqun Zhao &amp; Shengqing Wang</i> <i>Team Leader of 3, Designer &amp; Principal Developer</i> <ul style="list-style-type: none"><li>Based on the data generated by a Peking University courses in Coursera, explored the main reasons leading to students drop-out in MOOC.</li><li>Designed multiple machine learning classifiers, using SVM, based on log data extraction and eigenvector, applied sliding window to predict learner behaviors.</li><li>Built correlation math model based on features of those completing a whole course, from URL analysis.</li><li>Proposed a new drop-out predicting model to effectively forecast those behaviors and then facilitate teachers to give right corresponding instructions.</li></ul>	<i>May 2015 - Present</i>
INTERNSHIP	<b>Shenzhen Xiaolajiao Intelligent Ecological Technology Co., Ltd.</b> <ul style="list-style-type: none"><li>Summarized literatures of conceptions about smart phones for old people and participated in its product design, including user investigation, questionnaire design and product details design.</li><li>Conducted analysis for competitive products and interviews of potential users, and developed a special weather App for old people.</li><li>Analyzed interests of old people, selected programs interested to them from FM Apps, and designed a news App for them.</li></ul>	<i>Summer 2016</i>
COMPETITION EXPERIENCE	<b>Knowledge Analysis and Clustering on Socialized Q&amp;A System - Take Zhihu (Chinese Version of Quora) for Example</b> <i>1st Prize in Department of Information Management, Peking University Challenge Cup - Youth Day Science Award Competition</i> <ul style="list-style-type: none"><li>Introduced approaches of information organization and bibliometric analysis in reference management into the investigation on Socialized Q&amp;A System.</li></ul> <b>Image Recognition and Translation Based on English Menu</b> <i>1st Prize in Department of Information Management, Peking University Challenge Cup - Youth Day Science Award Competition</i> <ul style="list-style-type: none"><li>Developed an App to recognize and translate words in an image, via the recognition method based on sliding window.</li><li>Designed UI by Axure RP.</li></ul>	<i>Oct. 2015 - Apr. 2016</i>  <i>Oct. 2014 - Apr. 2015</i>

SELECTED PROJECTS	<b>Eco-Hero</b>	
	<ul style="list-style-type: none"> <li>An App contained environmental protection knowledge and games to promote environmental consciousness, and provided an opportunity for children and their parents for cooperation.</li> </ul>	
	<b>Garbage GO!</b>	
	<ul style="list-style-type: none"> <li>An App introduced environment-friendly methods to dispose daily rubbish, and also contained social platform to encourage users to display their handicrafts made by rubbish.</li> </ul>	
	<b>Maybe: creative website</b>	
	<ul style="list-style-type: none"> <li>A website contributed to public service advertisement in China and focused on increasing involvement in commonweal.</li> </ul>	
	<b>San Wei Bookstore</b>	
	<ul style="list-style-type: none"> <li>A bookstore system, based on 3NF Database Structure, implemented high efficient searching and privilege separation and data encryption for system security.</li> </ul>	
	<b>Online Bookstore in Douban</b>	
	<ul style="list-style-type: none"> <li>A bookstore system contained Hybrid Recommendation System (i.e. UserCF algorithm, ItemCF algorithm) and fitted into Big Data context.</li> </ul>	
Honors & Awards	<b>GuangHua Scholarship</b>	<i>2015 - 2016 Academic Year</i>
	<b>Pacemaker to Merit Student in Peking University</b>	<i>2015 - 2016 Academic Year</i>
	<b>Scholarship for Outstanding Academic Record</b>	<i>2014 - 2015 Academic Year</i>
	<b>Robin Li Scholarship</b>	<i>2013 - 2014 Academic Year</i>
SERVICE	<b>Teaching Assistant, Course Computer Networks</b>	<i>2016</i>
	<ul style="list-style-type: none"> <li>Corrected students' homework and papers, solved students' technical questions.</li> </ul>	
	<b>Captain, College Basketball Team</b>	<i>2014 - 2016</i>
	<ul style="list-style-type: none"> <li>Conducted a deep research into different tactics and led team to achieve the currently best results.</li> </ul>	
	<b>Student Assistant, Department of Information Management</b>	<i>2015 - 2016</i>
	<ul style="list-style-type: none"> <li>Collected application forms and managed applicants' information.</li> </ul>	
	<b>Participant, Social Research in Shaanxi Province</b>	<i>2016</i>
	<ul style="list-style-type: none"> <li>Interviewed local people about mobile science museum project and summarized their feedbacks as a report.</li> </ul>	
	<b>Class Advisor, Summer Camp for Excellent Middle School Students</b>	<i>2015</i>
	<ul style="list-style-type: none"> <li>Carried out campus visit and introduced Peking University to all attending students.</li> </ul>	
	<b>Volunteer, The Great Relay International Marathon, Xiangshan Site</b>	<i>2015</i>
	<ul style="list-style-type: none"> <li>Maintained public order and distributed supplies for the participants.</li> </ul>	
	<b>Volunteer, International Conference of Information Capital, Property and Ethics</b>	<i>2014</i>
	<ul style="list-style-type: none"> <li>Distributed pamphlets for the members involved and answered their questions.</li> </ul>	
SKILLS	<ul style="list-style-type: none"> <li>Language: English (bilingual proficiency), Chinese (native)</li> </ul>	
	<ul style="list-style-type: none"> <li>Computer Language: C/C++, JAVA, PHP, Python, HTML</li> </ul>	
	<ul style="list-style-type: none"> <li>Application: Office, Axure RP, InDesign</li> </ul>	