

Xiaohang Lu

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EDUCATION	Peking University , Beijing, China <i>Department of Information Management</i> <ul style="list-style-type: none">Major: Information Management and Information SystemOverall GPA: 3.71/4.0; Rank: 1/38Coursework: Human-Computer Interaction and User Experience, Management Information System, Information Storage and Retrieval, Multi-media Technology, Database Systems, The Organization of Information <i>School of Electronics Engineering and Computer Science</i> <ul style="list-style-type: none">Major: Computer Science and TechnologyCoursework: Data Structure and Algorithm, Operation Systems, Discrete Mathematics, Computer Networks, Computer Graphics	<i>Sept. 2013 - Jun. 2017 (Expected)</i>
PUBLICATION	Xiaohang Lu , 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> , under review	
RESEARCH EXPERIENCE	Dropout Analysis in MOOC <i>Co-Supervised by Profs Wenguang Chen, Danqun Zhao & Shengqing Wang</i> <i>Team Leader of 3, Designer & Principal Developer</i> <ul style="list-style-type: none">Based on the data generated by a Peking University courses in Coursera, explored the main reasons leading to students drop-out in MOOC.Designed multiple machine learning classifiers, using SVM, based on log data extraction and eigenvector, applied sliding window to predict learner behaviors.Built correlation math model based on features of those completing a whole course, from URL analysis.Proposed a new drop-out predicting model to effectively forecast those behaviors and then facilitate teachers to give right corresponding instructions.	<i>May 2015 - Present</i>
INTERNSHIP	Shenzhen Xiaolajiao Intelligent Ecological Technology Co., Ltd. <ul style="list-style-type: none">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.Conducted analysis for competitive products and interviews of potential users, and developed a special weather App for old people.Analyzed interests of old people, selected programs interested to them from FM Apps, and designed a news App for them.	<i>Summer 2016</i>
COMPETITION EXPERIENCE	Knowledge Analysis and Clustering on Socialized Q&A System - Take Zhihu (Chinese Version of Quora) for Example <i>1st Prize in Department of Information Management, Peking University Challenge Cup - Youth Day Science Award Competition</i> <ul style="list-style-type: none">Introduced approaches of information organization and bibliometric analysis in reference management into the investigation on Socialized Q&A System. Image Recognition and Translation Based on English Menu <i>1st Prize in Department of Information Management, Peking University Challenge Cup - Youth Day Science Award Competition</i> <ul style="list-style-type: none">Developed an App to recognize and translate words in an image, via the recognition method based on sliding window.Designed UI by Axure RP.	<i>Oct. 2015 - Apr. 2016</i> <i>Oct. 2014 - Apr. 2015</i>

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