

XIN HUANG

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EDUCATION

University of Southern California (USC) , Los Angeles, USA	Jan. 2018 - Present
Master of Science in Computer Science	
Shanghai Jiao Tong University (SJTU) , Shanghai, China	Sept. 2012 - Aug. 2016
Bachelor of Science in Information Engineering	GPA: 3.53/4
Courses: Data Structure (86%), Operating System (96%), Algorithm (95%), Computer Architecture (98%)	

SKILLS

Programming Languages	C/C++, Python, HTML/CSS/JavaScript, R, SQL, Java, Matlab
Platforms	Hadoop, Spark, Linux
Languages	English (TOEFL 100), French(TCF B2)

WORK EXPERIENCE

Haiyi Software, GuangZhou	Jul. 2015 - Aug. 2015
<i>Full Stack Web Developer Intern</i>	
<ul style="list-style-type: none">Developed marketing system for China South Grid based on J2EE.Constructed web-pages to visualize data of electricity consummation of Guangdong Province.	

RESEARCH EXPERIENCE

Topic-sensitive Influential Papers Discovery in Citation Network	Feb. 2017 - Nov. 2017
<i>Research Assistant</i>	<i>Advisor: Xinbing Wang</i>
<ul style="list-style-type: none">Proposed a scalable generative model (able to process datasets containing over millions of papers) that is compatible to all topic modelling models and effectively generated the importance of papers in topic spaces.Achieved an improvement over 50% in recall, precision and mean reciprocal rank compared with other topic-based citation prediction methods.Implemented a topic sensitive academic recommender system based on the learnt parameters of the model.First-authored paper accepted by PAKDD 2018 (Tier A Conferences in Data Mining).	
Topic Evolution in Scholarly Big-Data	Sept. 2015 - Aug. 2016
<i>Research Assistant</i>	<i>Advisor: Xinbing Wang</i>
<ul style="list-style-type: none">Proposed novel Topic Model(implemented in C++) that jointly generate text, timestamps and citation network of academic paper.Depicted the evolution patterns of academic topic with the distribution of topics over time.Visualized Topic evolution pattern of AAN, Arxiv-Hephy and Citeseer datasets with gephi.	
Collaborative Interactive Topic Model for Academic Recommendation	Aug. 2015 - Sept. 2015
<i>Research Assistant</i>	<i>Advisor: Xinbing Wang</i>
<ul style="list-style-type: none">Proposed novel Topic Model with a prior tree encoding users' feedback on the clustered topic.Implemented proposed model in Java based on Mallet.Designed an experiment for the proposed model on a collection of 400,000 academic papers.	
Compression Framework of Large Graph	Sept. 2016 - Feb. 2017
<i>Research Assistant</i>	<i>Advisor: Mauro Sozio</i>
<ul style="list-style-type: none">Designed a novel vertices ordering algorithm(implemented in C++) for BV-Graph based on local sensitive hashing.Achieved around 3% improvement on compressing social network than state-of-art techniques.	

PUBLICATION

X.Huang, C.Chen, C.Peng, X.Wu, L.Fu, X.Wang *Topic-sensitive Influential Paper Discovery in Citation Network*. Accepted by PAKDD 2018 (*Acceptance Rate: 20.6%*)