

XIN HUANG

hxin18.github.io

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EDUCATION

Shanghai Jiao Tong University

Sep.2012 - Aug.2016

Bachelor of Science in Information Engineering

GPA: 84.7/100, Major GPA: 89.2/100

Courses: Operating System (96), Algorithm(95), Data Structure(86), Computer Architecture(98)

RESEARCH EXPERIENCE

Intelligent Internet of Things Center, Shanghai Jiao Tong University

Advisor: Xinbing Wang

Topic-sensitive Influencer Discovery in Text Network

Feb.2017 - Present

- Proposed a novel generative model to vectorize node in text network
- Implemented proposed models on C++
- Achieved 10 times' improvement in document retrieval than topic similarity based methods

Topic Evolution in Scholarly Big-Data

Sept.2016 - Aug. 2016

- Proposed Topic Modeling based method to mine topic evolution pattern using both the textual content and citation information in scientific literatures.

- Visualized Topic evolution map of AAN, arxiv-hephy and Citeseer datasets with gephi

- Designed experiments of citation prediction on over 716,800 research papers

Collaborative Interactive Topic Model for Academic Recommendation

Aug.2015 - Sept.2015

- Proposed novel Topic Model with a prior tree encoding users' feedback on the clustered results
- Implemented proposed model in Java based on Mallet
- Designed an experiment for the proposed model on a collection of 400,000 academic papers

DBWeb Group, Telecom ParisTech

Advisor: Mauro Sozio

Compression Framework of Large Graph

Sept.2016 - Present

- Designed a novel vertices ordering algorithm to improve the compression rate
- Implemented proposed models on C++
- Achieved around 3% improvement on compressing social network than state-of-art techniques

WORK EXPERIENCE

Haiyi Software, GuangZhou

Jun.2015 - Aug.2015

Full Stack Web Developer Intern

- Developed marketing system for China South Grid based on J2EE
- Constructed web-pages to visualize data of electricity consummation of Guangdong Province

SKILLS

Programming Languages

C/C++, Python, HTML/CSS/JavaScript, R, SQL

Tools

Matlab, MS Offices, Linux, Qt, Git

LANGUAGES

English(TOEFL 100, GRE 320+3)

French(B2 Level)