

Deng Cheng, Daven

Portfolio: big-cheng.com/

Github: github.com/davendw49

Research Interest: Data Mining, Knowledge Graph, NLP and Social Network.

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Laboratoy: Acemap, IIoT, SJTU

EDUCATION

- **Shanghai Jiao Tong University, SEIEE** Shanghai, China
PhD of Computer Science Information Technology; Sept. 2019 - June 2024
Courses: Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Security Engineering, Parrelle Computing
◦ **Supervisors::** Luoyi Fu, Xinbing Wang.
- **Hunan University, CSEE** Changsha, Hunan, China
Bachelor of Computer Science and Information Engineering; Sept. 2015 - June 2019
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
◦ **Supervisors::** Peng Peng, Chao Yang.

EXPERIENCE

- **Acemap - Shanghai Jiao Tong University** PhD, Supervised by Luoyi Fu, Xinbing Wang
Lab Member June 2018 - June 2019
 - **Research:** Data Mining, Knowledge Graph
 - **Projects:** Acemap × COVID-19, Acemap × NSFC, Acemap × KG
 - **Teaching Assistant:** EE447, Mobile Computing, 2019-2020, EE101, Introduction to Electrical Engineering, CS149, Data Structures
- **ZJU-KG-Ali Group - Zhejiang University** Research Intern, Supervised by HuaJun Chen
Research Intern July 2018 - August 2018
 - **Research:** Zero-Shot Learning over Knowledge Graph.
 - **Projects:** Stock Prediction using Event Driven Knowledge.
- **XiaoLab - Hunan University** Research, Supervised by Sheng Xiao
Lab Member Jan 2018 - June 2019
 - **Research:** Data Mining, Computer Vision
 - **Projects:** AI × Medical Nursering on DR/MR/CT Reading, Classroom Monitors, AI Clothes Room
- **HNU-KG - Hunan University** Research, Supervised by Peng Peng
Lab Member June 2018 - June 2019
 - **Research:** RDF Data Management, Knowledge Graph, Graph Databases
 - **Projects:** SPARQL Query over Large RDF Datasets
 - **Publications):** Keyword Search over Federated RDF Datasets.(Submitted Work(4 pts), ISWC-2018; Submitted Work, WWW-2018)

PROJECTS

- **Knowledge Graph for Acemap:** (Work in progress) Research oriented, open source
- **Knowledge Graph for Chinese Scholar:** (Work in progress) Research oriented, open source
- **Acemap × COVID-19:** (Work in progress) Projects oriented, open source
- **Ancient Chinese Auto Publish:**
- **AI Clothes Room:**

PUBLICATIONS

- **Journal Paper, TKDE:** Jiaqi Liu, Cheng Deng, Luoyi Fu, Huan Long, Xiaoying Gan, Xinbing Wang, Guihai Chen and Jun Xu. 2020. Evolving Bipartite Model Reveals the Bounded Weights in Mobile Social Networks: A Case Study in Recommendation Networks, IEEE Transactions on Mobile Computing. (**CCF-A**)

HONORS AND AWARDS

- Excellent university graduates of Hunan Province - June, 2019
- Outstanding graduates of Hunan University - June, 2019
- Meritorious Winner of MCM/ICM (Mathematical Contest In Modeling) - 2018
- Top ten figures of Hunan University - Oct., 2017

SOCIAL SERVICES

- **Reviewer for Journal TKDE** IEEE, TKDE
Being a reviewer for Transactions on Knowledge and Data Engineering. October 2019 - Present

SKILLS SUMMARY

- **Languages:** Python, Java, C++, SQL, Bash, HTML
- **Frameworks:** PyTorch, Numpy, Pandas, NLTK, SpaCy, Jieba, Django, Flask, FastAPI
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management