

YUN LI

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EDUCATION

Master of Science in Computer Science

2016.09 - Now

Intelligent Information Processing Group, Nanjing University.

Bachelor of Science in Computer Science Major with Finance Minor

2012.09 - 2016.06

Department of Computer Science and Technology, Nanjing University.

RESEARCHES

Pattern Match Queries for Spatial Database

2017.4 - 2018.3

- “Evaluating Pattern Matching Queries for Spatial Databases”[J], *VLDB Journal*, 2018. [under review]

- Introduced two new problems of spatial pattern match, and proposed four solutions
- Conducted extensive experiments and evaluated the proposed algorithms.
- Accomplished paper draft.

- “On Spatial Pattern Matching”[C], *ICDE*, 2018. [[online demo](#)]

- Implemented basic solutions and conducted experiments.

Short-text Topic Discovery

2016.9 - 2018.9

- “Constructing Pseudo Documents with Semantic Similarity for Short Text Topic Discovery”[C], *ICONIP*, 2018.

- Participated in designing the algorithms, implemented solutions, do the experiments, and revised the paper.

- “Exploiting Global Semantic Similarity Biterms for Short-text Topic Discovery”[C], *ICTAI*, 2018.

- Implemented algorithms, do the experiments and revised the paper.

- “Utilizing Recurrent Neural Network for Topic Discovery in Short Text Scenarios”[J], *Intelligent Data Analysis*, 2019. [to appear]

- Proposed new problems, designed and implemented algorithms, and conducted the experiments.

Exploiting Communities in Large Profiled Graphs

2017.10 - 2018.2

- “Exploring Communities in Large Profiled Graphs”[J], *TKDE*, 2018. [revision]

- Participated in designing the advanced algorithm and revised the paper.

SELECTED HONORS

First Prize of Academic Scholarships.

2016, 2017

Second Prize of People’s Scholarship Award

2015

Outstanding Student, CST Dept.

2015, 2014

Excellent League Member Award, NJU

2014

SKILLS

Being familiar with Java, Python, C++ and Matlab

Being familiar with open-source framework including Hadoop and TensorFlow

Participating in a lot of software development and acting as leader in most cases

IELTS: 7.5

PUBLICATIONS AND SUBMISSIONS

- Yixiang Fang, **Yun Li**, Reynold Cheng, Nikos Mamoulis, Gao Cong. “Evaluating Pattern Matching Queries for Spatial Databases”[J], *VLDB Journal*, 2018. [under review]
- Yixiang Fang, Reynold Cheng, Gao Cong, Nikos Mamoulis, **Yun Li**. “On Spatial Pattern Matching”[C], *ICDE*, 2018. [[online demo](#)]
- Hengyang Lu, **Yun Li**, Chi Tang, Chongjun Wang and Junyuan Xie. “Constructing Pseudo Documents with Semantic Similarity for Short Text Topic Discovery”[C], *ICONIP*, 2018.
- Hengyang Lu, Gaojian Ge, **Yun Li**, Chongjun Wang and Junyuan Xie. “Exploiting Global Semantic Similarity Biterms for Short-text Topic Discovery”[C], *ICTAI*, 2018.
- Hengyang Lu, Ning Kang, **Yun Li**, Qianyi Zhan, Junyuan Xie, Chongjun Wang. “Utilizing Recurrent Neural Network for Topic Discovery in Short Text Scenarios”[J], *Intelligent Data Analysis*, 2019. [to appear]
- Yankai Chen, Yixiang Fang, Reynold Cheng, and **Yun Li**, Xiaojun Chen, Jie Zhang. “Exploring Communities in Large Profiled Graphs”[J], *TKDE*, 2018. [revision]